

## PODXL recombinant protein

Recombinant Human PODXL Protein (ECD, hFc Tag), HPLC-verified

|                               |                             |                            |
|-------------------------------|-----------------------------|----------------------------|
| CATALOG #<br><b>AAA259306</b> | HOST<br><b>HEK293 Cells</b> | REACTIVITY<br><b>Human</b> |
|-------------------------------|-----------------------------|----------------------------|

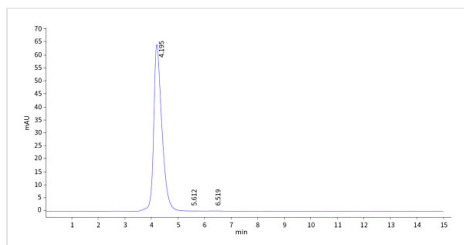
### PRODUCT SYNONYMS

PODXL; Recombinant Human PODXL Protein (ECD; hFc Tag); HPLC-verified; Human PODXL Protein (ECD; Fc Tag); podocalyxin-like; gp135 Protein; Human; Gp200 Protein; PC Protein; PCLP Protein; PCLP-1 Protein; PCLP1 Protein; PDX Protein; PODXL1 Protein; PODXL recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Reactivity              | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Purity/Purification     | >= 90% as determined by SDS-PAGE. >= 95% as determined by SEC-HPLC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Form/Format             | Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                                                                                                                                                                                                                                                                                                                          |
| Sequence                | Ser23-Pro4 61                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Tag                     | C-human IgG1-Fc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Predicted N Terminal    | Ser 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Endotoxin               | < 1.0 EU perug of the protein as determined by the LAL method                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Protein Construction    | A DNA sequence encoding the Human PODXL (O00592)(Ser23-Pro461) was expressed with the Fc region of human IgG1 at the C-terminus.                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Preparation and Storage | <p>Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <p>In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.</p> |

### IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-----------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for PODXL recombinant protein | Podocalyxin-like protein (PODXL) is a member of CD34 family proteins. It is the protein that carries many post-translational epitopes responsible for various pluripotent surface markers including TRA-1-60, TRA-1-81, GCTM2, GP200, and mAb84.Podocalyxin-like 1 (PODXL) was reported to be closely associated with the development of various cancers.KLF4/PODXL signaling pathway assumes an irreplaceable role in tumorigenesis, invasion and metastasis of human GC and PODXL serves as an independent prognostic indicator for GC patients. PODXL may be a novel, non-invasive test biomarker for the detection of pancreatic cancer. |
| Product Categories/Family for PODXL recombinant protein   | <a href="#">Hemangioblast Markers</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                   |
|----------------------------------|---------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 66277202                                                                                          |
| NCBI GeneID                      | 5420                                                                                              |
| NCBI Accession #                 | <a href="#">NP_001018121.1</a>                                                                    |
| NCBI GenBank Nucleotide #        | <a href="#">NM_001018111.2</a>                                                                    |
| UniProt Accession #              | <a href="#">O00592</a> ; <a href="#">Q52LZ7</a> ; <a href="#">Q53ER6</a> ; <a href="#">A6NHX8</a> |
| Molecular Weight                 | 58,635 Da                                                                                         |
| NCBI Official Full Name          | podocalyxin isoform 1                                                                             |
| NCBI Official Synonym Full Names | podocalyxin-like                                                                                  |
| NCBI Official Symbol             | PODXL                                                                                             |
| NCBI Official Synonym Symbols    | PC; PCLP; Gp200; PCLP-1                                                                           |
| NCBI Protein Information         | podocalyxin; GCTM-2 antigen; podocalyxin-like protein 1                                           |
| UniProt Protein Name             | Podocalyxin                                                                                       |
| UniProt Gene Name                | <b>PODXL</b>                                                                                      |
| UniProt Synonym Gene Names       | PCLP; PCLP1; PC; PCLP-1                                                                           |
| UniProt Entry Name               | PODXL_HUMAN                                                                                       |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.