

## CD155/PVR recombinant protein

Biotinylated Human CD155/PVR Protein Recombinant

|           |                                                                                                                                         |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------|
| CATALOG # | HOST                                                                                                                                    |
| AAA76344  | HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.) |

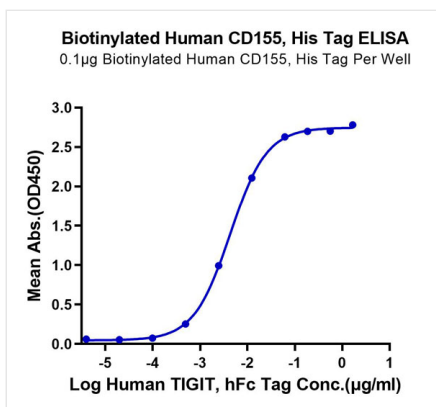
### PRODUCT SYNONYMS

CD155/PVR; Biotinylated Human CD155/PVR Protein Recombinant; CD155/PVR recombinant protein

### PRODUCT SPECIFICATIONS

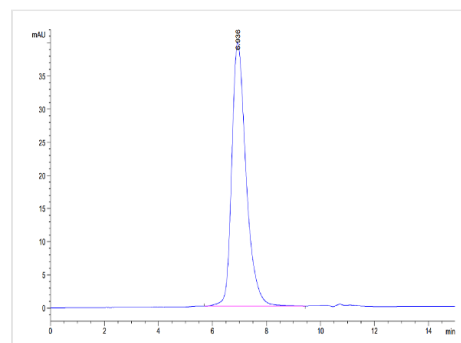
|                         |                                                                                                                                                                                                       |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)                                                               |
| Purity/Purification     | >95%, as determined by SDS-PAGE and HPLC                                                                                                                                                              |
| Form/Format             | Recombinant Human CD155/PVR was lyophilized from 0.2 um filtered PBS solution pH7.4                                                                                                                   |
| Source                  | DNA sequence encoding Human CD155/PVR including a C-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology. |
| Endotoxin               | Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).                                                                              |
| Molecular Function      | Receptor                                                                                                                                                                                              |
| Biological Process      | Cell-adhesion, Host-virus-interaction                                                                                                                                                                 |
| Reconstitution          | Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM                                                                                                                      |
| Preparation and Storage | The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C                                                                                                           |

### IMAGES



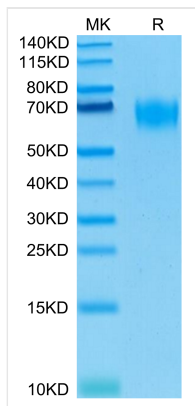
#### ELISA

Biotinylated Human CD155/PVR Protein ELISA Data: Immobilized Biotinylated Human CD155, His Tag at 1?g/ml (100?l/well) on the streptavidin precoated plate (5?g/ml). Dose response curve for Human TIGIT, hFc Tag with the EC50 of 4.3ng/ml determined by ELISA.



#### Application Data

Biotinylated Human CD155/PVR Protein SEC-HPLC: The purity of Biotinylated Human CD155 is greater than 95% as determined by SEC-HPLC.



#### Tris-Bis-PAGE

Biotinylated Human CD155/PVR Protein Tris-Bis PAGE Biotinylated Human CD155 on Tris-Bis PAGE under reduced conditions. The purity is greater than 95%.

### ADDITIONAL INFORMATION

|                                                             |                       |
|-------------------------------------------------------------|-----------------------|
| Product Categories/Family for CD155/PVR recombinant protein | Biotinylated proteins |
|-------------------------------------------------------------|-----------------------|

### NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 609878250                                      |
| NCBI GeneID                      | 5817                                           |
| NCBI Accession #                 | NP_006496.4                                    |
| NCBI GenBank Nucleotide #        | NM_006505.4                                    |
| UniProt Accession #              | P15151; Q9NQS3 NECT3_HUMAN; Q15223 NECT1_HUMAN |
| Molecular Weight                 | 45,303 Da                                      |
| NCBI Official Full Name          | poliovirus receptor isoform alpha              |
| NCBI Official Synonym Full Names | poliovirus receptor                            |
| NCBI Official Symbol             | PVR                                            |
| NCBI Official Synonym Symbols    | PVS; HVED; CD155; NECL5; TAGE4; Necl-5         |
| NCBI Protein Information         | poliovirus receptor; nectin-like protein 5     |
| UniProt Protein Name             | Poliovirus receptor                            |
| UniProt Gene Name                | <b>PVR</b>                                     |
| UniProt Synonym Gene Names       | PVS; NECL-5                                    |
| UniProt Entry Name               | PVR_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.

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 Online datasheet: <https://www.aaabiotech.com/pvr-recombinant-protein-hek293-cells/76344>