

## Eukaryotic Heparanase (HPSE) Protein | HPSE protein

Eukaryotic Heparanase (HPSE)

|                               |                          |                                               |
|-------------------------------|--------------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA153180</b> | HOST<br><b>293F Cell</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|--------------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

Eukaryotic Heparanase (HPSE); Heparanase; HPSE recombinant protein (eukaryotic; 293F Cell); Human; HPA; HPR1; HPSE1; HSE1; Endo-glucuronidase; HPSE protein

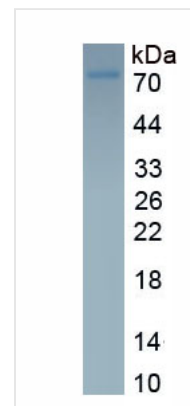
### PRODUCT SPECIFICATIONS

|                                          |                                                                                                              |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                     | 293F Cell                                                                                                    |
| Purity/Purification                      | Greater than 95% by SDS-PAGE                                                                                 |
| Form/Format                              | PBS, pH7.4, containing 5% Trehalose.<br>Freeze-dried powder                                                  |
| Sequence Positions                       | Gln36~Ile543                                                                                                 |
| Applicable Applications for HPSE protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                     |
| Expression System                        | Eukaryotic expression                                                                                        |
| Species                                  | Human                                                                                                        |
| Tag                                      | N-terminal His                                                                                               |
| Endotoxin Level                          | <1.0EU per 1ug (determined by the LAL method)                                                                |
| Isoelectric Point                        | 9.5                                                                                                          |
| Subcellular Location                     | Membrane, Nucleus, Secreted                                                                                  |
| Research Area                            | Enzyme & Kinase                                                                                              |
| Preparation and Storage                  | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |

### IMAGES

QDVVLDFFTQEPHLVSPSFLSVTIDANLATDPRFLTLGSPKRLTARGLSPAYLRFGGKTDFLIFDPKKESTFEERSYVQSQVWQ  
DICKYGSIPPOVEEKRLLEHPYQEQLLREHYQKFKNSTYSRSSVDVLYTFANCGLDLIFGLNALLRTADLQNSSNAQLLLDYCSS  
KYNISHELGNEPNSFLKKADIFTHGSQLGDFIQLIKLKRSTFKNAKLYGPDVGQPRRTAKMLKSLKAGGEIDSVTHHHYLLNG  
RTATKEDFLNPVDLDTSSVQKVFQVESTROPQKXNLGETSSAYGGAPLLSDTFAGPMLDLGLSARGLZENWQVFFGAGHY  
HLVDENFDLPQVNLGLLKKLVGTVKLVNASVQSKRRKLVYLHCTNTDMPRYKGDGLTLVAIHLHNVTKYLRPLYPFSNKQVQKYL  
RPLGPHGLLSKSVQLNGLTKMVDQDTLPPLKEKPLRPGSSLLGPAFSYSFVTRNAKVAACI

Amino Acid Info



SDS-PAGE

Figure. SDS-PAGE

ADDITIONAL INFORMATION

|                                            |                     |
|--------------------------------------------|---------------------|
| Product Categories/Family for HPSE protein | Eukaryotic proteins |
|--------------------------------------------|---------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 5880863                                                |
| NCBI GeneID                      | 10855                                                  |
| UniProt Accession #              | Q9Y251; Q53GE5; Q9UL39; A9JIG7; C7F7I3; E9PCA9; E9PGR1 |
| Molecular Weight                 | 61,149 Da                                              |
| NCBI Official Full Name          | heparanase                                             |
| NCBI Official Synonym Full Names | heparanase                                             |
| NCBI Official Symbol             | HPSE                                                   |
| NCBI Official Synonym Symbols    | HPA; HPA1; HPR1; HSE1; HPSE1                           |
| NCBI Protein Information         | heparanase; heparanase-1; endo-glucuronidase           |
| UniProt Protein Name             | Heparanase                                             |
| UniProt Gene Name                | HPSE                                                   |
| UniProt Synonym Gene Names       | HEP; HPA; HPA1; HPR1; HPSE1; HSE1; Hpa1                |
| UniProt Entry Name               | HPSE_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/293f-protein/eukaryotic-heparanase-hpse/153180>