

Product datasheet for **TP762663**

Heparanase 1 (HPSE) (NM_001098540) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human heparanase (HPSE), transcript variant 2
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region full length of HPSE
Tag:	N-GST and C-HIS
Predicted MW:	89.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	50 mM Tris-HCl, pH 8.0, 8 M urea
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001092010
Locus ID:	10855
UniProt ID:	Q9Y251
RefSeq Size:	4630
Cytogenetics:	4q21.23
RefSeq ORF:	1629
Synonyms:	HPA; HPA1; HPR1; HPSE1; HSE1



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Summary:

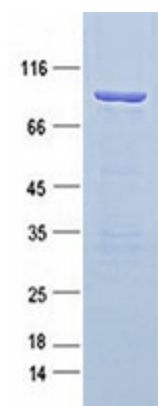
Heparan sulfate proteoglycans are major components of the basement membrane and extracellular matrix. The protein encoded by this gene is an enzyme that cleaves heparan sulfate proteoglycans to permit cell movement through remodeling of the extracellular matrix. In addition, this cleavage can release bioactive molecules from the extracellular matrix. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]

Protein Families:

Secreted Protein

Protein Pathways:

Glycosaminoglycan degradation, Metabolic pathways

Product images:

Purified recombinant protein HPSE was analyzed by SDS-PAGE gel and Coomassie Blue Staining.