

Product datasheet for **TP762292**

HS6ST1 (NM_004807) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human heparan sulfate 6-O-sulfotransferase 1 (HS6ST1), Gly162-End, with N-terminal His tag, expressed in E.coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Gly162-End) of HS6ST1
Tag:	N-His
Predicted MW:	29.9 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_004798
Locus ID:	9394
UniProt ID:	O60243
RefSeq Size:	3966
Cytogenetics:	2q14.3
RefSeq ORF:	1233
Synonyms:	HH15; HS6ST



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Summary:

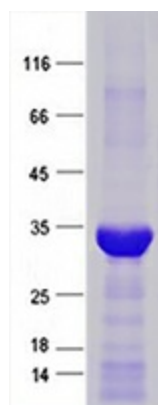
The protein encoded by this gene is a member of the heparan sulfate biosynthetic enzyme family. Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct heparan sulfate fine structures that carry out multiple biological activities. This enzyme is a type II integral membrane protein and is responsible for 6-O-sulfation of heparan sulfate. This enzyme does not share significant sequence similarity with other known sulfotransferases. A pseudogene located on chromosome 1 has been found for this gene. [provided by RefSeq, Jul 2008]

Protein Families:

Transmembrane

Protein Pathways:

Heparan sulfate biosynthesis

Product images:

Purified recombinant protein HS6ST1 was analyzed by SDS-PAGE gel and Coomassie Blue Staining.