

## Product datasheet for **TP760588**

### HS3ST5 (NM\_153612) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human heparan sulfate (glucosamine) 3-O-sulfotransferase 5 (HS3ST5), full length, 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 human full-length HS3ST5
Tag:	N-His
Predicted MW:	40.2 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.
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:	<a href="#">NP_705840</a>
Locus ID:	222537
UniProt ID:	<a href="#">Q8IZT8</a>
RefSeq Size:	2744
Cytogenetics:	6q21-q22.1
RefSeq ORF:	1038
Synonyms:	3-OST-5; 3OST5; HS3OST5; NBLA04021



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**Summary:** HS3ST5 belongs to a group of heparan sulfate 3-O-sulfotransferases (EC 2.8.2.23) that transfer sulfate from 3-prime-phosphoadenosine 5-prime phosphosulfate (PAPS) to heparan sulfate and heparin (Mochizuki et al., 2003 [PubMed 12740361]).[supplied by OMIM, Mar 2008]

**Protein Families:** Transmembrane

**Protein Pathways:** Heparan sulfate biosynthesis

**Product images:**

