

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** A DNA sequence encoding human full-length HS3ST5 or AA Sequence: N-His Tag: 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. Store at -80°C. Storage: 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 705840 Locus ID: 222537 **UniProt ID:** Q8IZT8 2744 **RefSeq Size:** Cytogenetics: 6q21-q22.1 **RefSeq ORF:** 1038 Synonyms: 3-OST-5; 3OST5; HS3OST5; NBLA04021



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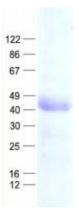
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Summary:	HS3ST5 belongs to a group of heparan sulfate 3-O-sulfotransferases (EC 2.8.2.23) that transfer sulfate from 3-prime-phosphoadenosine 5-prime phosphosulfate (PAPS) to heparan sulfate and heparin (Mochizuki et al., 2003 [PubMed 12740361]).[supplied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

Protein Pathways:	Heparan sulfate biosynthesis

Product images:



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