

Recombinant Human HS3ST5 Protein, His-tagged

Cat. No. HS3ST5-320H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HS3ST5 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	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]).
Form	50mM Tris, 8M Urea, pH8.0.
Molecular Mass	40.2 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	HS3ST5 heparan sulfate (glucosamine) 3-O-sulfotransferase 5 [Homo sapiens]
Official Symbol	HS3ST5

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Synonyms	HS3ST5; heparan sulfate (glucosamine) 3-O-sulfotransferase 5; heparan sulfate glucosamine 3-O-sulfotransferase 5; 3 OST 5; h3-OST-5; heparan sulfate 3-OST-5; heparan sulfate 3-O-sulfotransferase 5; heparan sulfate D-glucosaminyl 3-O-sulfotransferase 5; 3OST5; 3-OST-5; HS3OST5; NBLA04021;
Gene ID	222537
mRNA Refseq	NM_153612
Protein Refseq	NP_705840
MIM	609407
UniProt ID	Q8IZT8

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