Active Recombinant Human HS3ST4 Protein, His-tagged

Cat. No. HS3ST4-564H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HS3ST4 (Accession # NP_006031) Gly184-Lys456, fused with an N-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	Gly184-Lys456
Predicted N Terminal	HHHHHHGGAV
Form	Supplied as a 0.2 μm filtered solution in Tris, NaCl and Glycerol.
Bio-activity	Measured by its ability to transfer sulfate from PAPS to heparan sulfate.The specific activity is >5 pmol/min/μg, as measured under the described conditions.
Molecular Mass	Recombinant Human HS3ST4, His-tagged has a calculated MW of 32 kDa. In SDS-PAGE migrates as 35-43 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 μg per lane.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3

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	months (-70ºC).

GENE INFORMATION

Gene Name	HS3ST4 heparan sulfate (glucosamine) 3-O-sulfotransferase 4 [Homo sapiens]
Official Symbol	HS3ST4
Synonyms	HS3ST4; heparan sulfate (glucosamine) 3-O-sulfotransferase 4; heparan sulfate glucosamine 3-O-sulfotransferase 4; 3OST4; heparan sulfate 3-O-sulfotransferase 4; heparan sulfate 3-O-sulfotransferase-4; heparan sulfate D-glucosaminyl 3-O-sulfotransferase 4; 30ST4; 3-OST-4; h3-OST-4;
Gene ID	9951
mRNA Refseq	NM_006040
Protein Refseq	NP_006031
MIM	604059
UniProt ID	Q9Y661
Chromosome Location	16p11.2

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