

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 µ 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 (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

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; 3OST4; 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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