

Recombinant Human HS3ST4 Protein, GST-tagged

Cat. No. HS3ST4-5055H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human HS3ST4 partial ORF (NP_006031.1, 358 a.a. - 455 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes the enzyme heparan sulfate D-glucosaminyl 3-O-sulfotransferase 4. This enzyme generates 3-O-sulfated glucosaminyl residues in heparan sulfate. Cell surface heparan sulfate is used as a receptor by herpes simplex virus type 1 (HSV-1), and expression of this gene is thought to play a role in HSV-1 pathogenesis. [provided by RefSeq]
Molecular Mass	36.52 kDa
AA Sequence	ERLIVDPAGEMAKVQDFLGLKRVVTKKHFYFNKTKGFPCLKKPEDSSAPRCLGKSK GRTHPRIDPDVIHRLRKFYKPFNLMFYQMTGQDFQWEQEEGD
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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](#)

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