

Recombinant Full Length Human HS3ST4 Protein

Cat. No. HS3ST4-3698HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HS3ST4 full-length ORF (AAI56388.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	525 amino acids
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]
Form	Liquid
Molecular Mass	50.2 kDa
AA Sequence	MARWPAPPPPPPPPPPLAAPPPPGASAKGPPARKLLFMCTLSLSVTYLCYSLLGGS GSLQFPLALQESPGAAAEPSPPPPSLLPTPVRLGAPSQPPAPPPLDNASHGEPP EPPEQPAAPGTDGWGLPSGGGAQDAWLRTPLAPSEMITAQSALPEREAQESST DEDLAGRRAANGSSERGGAVSTPDYGEKKLPQALIIGVKKGGTRALLEAIRVHPDVR AVGVEPHFFDRNYEKGLEWYRNVMPTLDGQITMEKTPSYFVTNEAPKRIHSMKD IKLIVVVRNPVTRAISDYTQTLSSKKEIPTFEVLAFKNRTLGLIDASWSAIRIGIYALHLE NWLQYFPLSQILFVSGERLIVDPAGEMAKVQDFLGLKRVVTEKHFYFNKTKGFPCLK

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	KPEDSSAPRCLGKSKGRTHPRIDPDVIHRLRKFYKPFNLMFYQMTGQDFQWEQEE GDK
Applications	Antibody Production Functional Study Compound Screening
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
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

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UniProt ID

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