

Recombinant Human HS6ST1 Protein, GST-tagged

Cat. No. HS6ST1-5056H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human HS6ST1 partial ORF (NP_004798, 303 a.a. - 401 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is a member of the heparan sulfate biosynthetic enzyme family. Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct heparan sulfate fine structures that carry out multiple biological activities. This enzyme is a type II integral membrane protein and is responsible for 6-O-sulfation of heparan sulfate. This enzyme does not share significant sequence similarity with other known sulfotransferases. A pseudogene located on chromosome 1 has been found for this gene. [provided by RefSeq]
Molecular Mass	36.63 kDa
AA Sequence	IRPFMQYNSTRAGGVEVDEDTIRRIEELNDLDMQLYDYAKDLFQQRYQYKRQLERR EQRLRSREERLLHRAKEALPREDADEPGRVPTEDYMSHIIKWK
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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

GENE INFORMATION

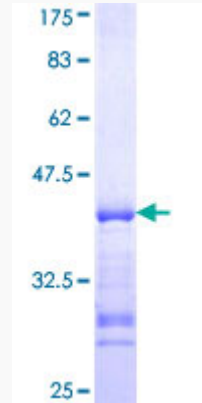
Gene Name	HS6ST1 heparan sulfate 6-O-sulfotransferase 1 [Homo sapiens]
Official Symbol	HS6ST1
Synonyms	HS6ST1; heparan sulfate 6-O-sulfotransferase 1; HS6ST; heparan-sulfate 6-O-sulfotransferase 1; HS6ST-1; heparan-sulfate 6-sulfotransferase; FLJ25392; MGC116899; MGC116901; DKFZp547H098;
Gene ID	9394
mRNA Refseq	NM_004807
Protein Refseq	NP_004798
MIM	604846
UniProt ID	O60243

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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