

Recombinant Human HS6ST1 protein, GST-tagged

Cat. No. HS6ST1-5454H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HS6ST1 protein(358-411 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	358-411 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	RYQYKRQLERREQRLRSREERLLHRAKEALPREDADEPGRVPTEDYMSHIIKW
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.
Reconstitution	Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/

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μl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

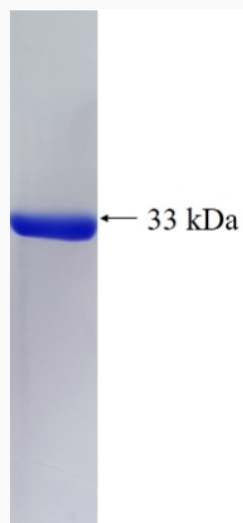
Gene Name	HS6ST1 heparan sulfate 6-O-sulfotransferase 1 [Homo sapiens]
Official Symbol	HS6ST1
Synonyms	HS6ST1; heparan sulfate 6-O-sulfotransferase 1; HS6ST; heparan-sulfate 6-O-sulfotransferase 1; HS6ST-1; heparan-sulfate 6-sulfotransferase; FLJ25392; MGC116899; MGC116901; DKFZp547H098;
Gene ID	9394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

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SDS-PAGE



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