

Recombinant Human HS6ST3 Protein

Cat. No. HS6ST3-5057H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HS6ST3 full-length ORF (AAI56338.1) recombinant protein without tag.
Species	Human
Source	Wheat Germ
Description	Heparan sulfate (HS) sulfotransferases, such as HS6ST3, modify HS to generate structures required for interactions between HS and a variety of proteins. These interactions are implicated in proliferation and differentiation, adhesion, migration, inflammation, blood coagulation, and other diverse processes (Habuchi et al., 2000 [PubMed 10644753]).[supplied by OMIM]
Form	Liquid
Molecular Mass	51.9 kDa
AA Sequence	MDERFNKWLTPVLTLLFVVIMYQYVSPSCTSSCTNFGEQPRAGEAGPPAVPGPAR RAQAPPEEWERRPQLPPPPRGPPPEGPRGAAPEEEDEEPGDPREGEEEEEEDEP DPEAPENGSLPRFVPRFNFSLKDLTRFVDFNIKGRDVIVFLHIQKTGGTTFGRHLVKN IRLEQPCSKAGQKKCTCHRPGKKETWLFSTRFSTGWSCGLHADWTELTNCVPAIM EKKDCPRNHSHTRNFYITMLRDPVSRYLSEWKHVQRGATWKTSLHMCDGRSPTP DELPTCYPGDDWSGVSLREFMDCTYNLANNRQVRMLADLSLVGCYNLTFMNESER NTILLQSAKNNLKNMAFFGLTEFQRKTQFLFERTFNLKFISPFQTQFNITRASNVEINEG ARQRIEDLNFLDMQLYEYAKDLFQQRYHHTKQLEHQDRDRQKRREERRLQREHRDH QWPKEDGAAEGTVTEDYNSQVVRW

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Applications	Antibody Production Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
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	HS6ST3 heparan sulfate 6-O-sulfotransferase 3 [Homo sapiens]
Official Symbol	HS6ST3
Synonyms	HS6ST3; heparan sulfate 6-O-sulfotransferase 3; heparan-sulfate 6-O-sulfotransferase 3; HS6ST-3; DKFZp761K2315;
Gene ID	266722
mRNA Refseq	NM_153456
Protein Refseq	NP_703157
MIM	609401
UniProt ID	Q8IZP7

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