Recombinant Human HS3ST2 Protein, GST-tagged

Cat. No. HS3ST2-5051H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HS3ST2 partial ORF (NP_006034, 268 a.a. - 367 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	Heparan sulfate biosynthetic enzymes are key components in generating a myriad of distinct heparan sulfate fine structures that carry out multiple biologic activities. The enzyme encoded by this gene is a member of the heparan sulfate biosynthetic enzyme family. It is a type II integral membrane protein and possesses heparan sulfate glucosaminyl 3-O-sulfotransferase activity. This gene is expressed predominantly in brain and may play a role in the nervous system. [provided by RefSeq
Molecular Mass	36.74 kDa
AA Sequence	QIHFVSGERLITDPAGEMGRVQDFLGIKRFITDKHFYFNKTKGFPCLKKTESSLLPRC LGKSKGRTHVQIDPEVIDQLREFYRPYNIKFYETVGQDFRWE
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

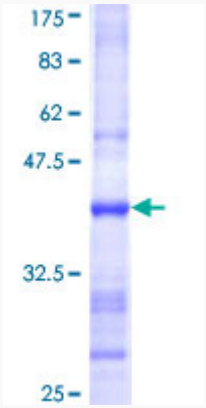
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45-1 Ramsey Road, Shirley, NY 11967, USA

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	HS3ST2 heparan sulfate (glucosamine) 3-O-sulfotransferase 2 [Homo sapiens]
Official Symbol	HS3ST2
Synonyms	HS3ST2; heparan sulfate (glucosamine) 3-O-sulfotransferase 2; heparan sulfate glucosamine 3-O-sulfotransferase 2; 3OST2; 3-OST-2; h3-OST-2; heparan sulfate 3-O-sulfotransferase 2; heparin-glucosamine 3-O-sulfotransferase; heparan sulfate D-glucosaminyl 3-O-sulfotransferase 2; 30ST2;
Gene ID	9956
mRNA Refseq	NM_006043
Protein Refseq	NP_006034
MIM	604056
UniProt ID	Q9Y278

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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