HS6ST2 Blocking Peptide

PRODUCT OVERVIEW

Product Name	HS6ST2, Blocking Peptide
Full Product Name	HS6ST2 Blocking Peptide
Product Gene Name	HS6ST2 blocking peptide
Product Synonym Names	H6ST2_HUMAN; Heparan-sulfate 6-O-sulfotransferase 2; HS6ST-2; HS6ST2; RP3-435D1.3
Antibody/Peptide Pairs	HS6ST2 peptide (MBS9631950) is used for blocking the activity of HS6ST2 antibody (MBS9629567)
Molecular Weight	73,391 Da
OMIM	AB067776 mRNA
Supply Chain Verification	Manufactured in a lab with traceable raw materials manufactured on site. Coordinated product portfolio of antibodies, pairs, conjugates, recombinant proteins, and immunoassay materials available, please inquire.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for HS6ST2 blocking peptide	MBS9631950 is a blocking peptide targeting HS6ST2.
Other Notes	Small volumes of HS6ST2 blocking peptide vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for HS6ST2. It may not necessarily be applicable to this product.

NCBI GI #	116295256
NCBI GeneID	90161
NCBI Accession #	NP_001070656.1
UniProt Primary Accession #	Q96MM7
UniProt Secondary Accession #	Q2TB13; Q4VC07; Q6PIC4; Q86SM9; Q8N3T4; Q8NBN4; Q96SJ4; B9WRT4; B9WRT5; E9PDY5
UniProt Related Accession #	Q96MM7
GenBank Nucleotide #	NM_001077188.1
NCBI Official Full Name	heparan-sulfate 6-O-sulfotransferase 2 isoform L
NCBI Official Synonym Full Names	heparan sulfate 6-O-sulfotransferase 2
NCBI Official Symbol	HS6ST2
UniProt Protein Name	Heparan-sulfate 6-O-sulfotransferase 2
Protein Family	Heparan-sulfate 6-O-sulfotransferase
UniProt Gene Name	HS6ST2
UniProt Synonym Gene Names	HS6ST-2
NCBI Protein Information	heparan-sulfate 6-O-sulfotransferase 2

NCBI Summary for HS6ST2	Heparan sulfate proteoglycans are ubiquitous components of the cell surface, extracellular matrix, and basement membranes, and interact with various ligands to influence cell growth, differentiation, adhesion, and migration. This gene encodes a member of the heparan sulfate (HS) sulfotransferase gene family, which catalyze the transfer of sulfate to HS. Different family members and isoforms are thought to synthesize heparan sulfates with tissue-specific structures and functions. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]
UniProt Comments for HS6ST2	6-O-sulfation enzyme which catalyzes the transfer of sulfate from 3'-phosphoadenosine 5'-phosphosulfate (PAPS) to position 6 of the N-sulfoglucosamine residue (GlcNS) of heparan sulfate.
Research Articles on HS6ST2	**1.** HS6ST-1 and HS6ST-2 have roles in regulating the angiogenic program in ovarian cancer cells affecting HB-EGF signaling and subsequent expression of angiogenic cytokines by cancer cells
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