

# Recombinant Human heparan sulfate 6-O-sulfotransferase 2 Protein, His tagged

Cat. No. HS6ST2-001H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human HS6ST2 Protein with His tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	179-605 aa
<b>Description</b>	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.
<b>Tag</b>	C-His
<b>Molecular Mass</b>	51 kDa
<b>AA Sequence</b>	<p>QLLRLQAFSSPVPDPYRSEDESSARFVPRYNFTRGDLLRKVDFDIKGDDLIVFLHIQK  TGGTTFGRHLVRNIQLEQPCECRVGQKKCTCHRP GKRETWLF SRFSTGWSCGLHA  DWTELTSCVPSVVDGKR DARLRPSRNFHYITILRDPVSRYLSEWRHVQRGATWKAS  LHVCDGRPPTSEELPSCYTGD DWSGCPLKEFMDCPYNLANNRQVRMLSDLTLVGC</p>

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YNLSVMPEKQRNKNVLLS AKSNLKHMAFFGLTEFQRKTQYLFEKTFNMNFISPFTQY  
 NTTRASSVEINEEIQKRIEGLNFLDMELYSYAKDLFLQRYQFMRQKEHQEARRKRQE  
 QRKFLKGRLLQTHFQSQQGQSQNPQNQSQNPNPANQNLTQNLMQNLTSLS  
 QKENRESPKQNSGKEQNDNTSNGTNDYIGSVEKWRHHHHHHHH

**Endotoxin** < 1 EU/μg by LAL.

**Purity** > 70% by SDS-PAGE

**Storage** Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Storage Buffer** Sterile PBS, pH7.4

**Concentration** 0.5 mg/mL by BCA

## GENE INFORMATION

**Gene Name** [HS6ST2 heparan sulfate 6-O-sulfotransferase 2 \[ Homo sapiens \(human\) \]](#)

**Official Symbol** [HS6ST2](#)

**Synonyms** HS6ST2; heparan sulfate 6-O-sulfotransferase 2; MRXSPM; heparan-sulfate 6-O-sulfotransferase 2; HS6ST-2; EC 2.8.2.-

**Gene ID** [90161](#)

**mRNA Refseq** [NM\\_147175](#)

**Protein Refseq** [NP\\_671704](#)

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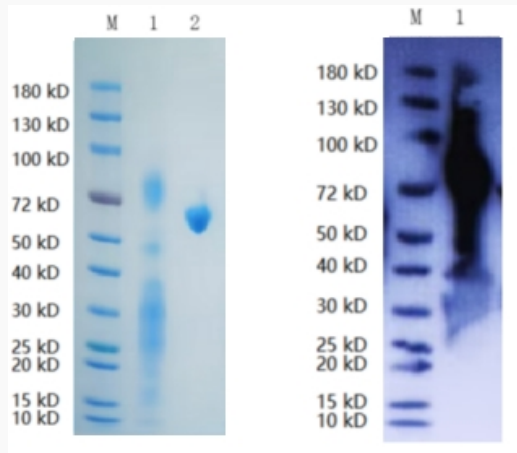
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**MIM** 300545

**UniProt ID** Q96MM7

**Reducing 4%-20%  
SDS-PAGE (CBB  
stained) and WB  
(Anti-His Mouse  
Monoclonal  
antibody) analysis  
profiles of purified  
HS6ST2.**



1. HS6ST2
2. BSA

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