

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

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

SPECIFICATION

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

YNLSVMPEKQRNKLLESASNSLKHMAFFGLTEFQRKTQYLFEKTFNMNFISPFTQY
 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

 Tel: 1-631-559-9269 1-516-512-3133

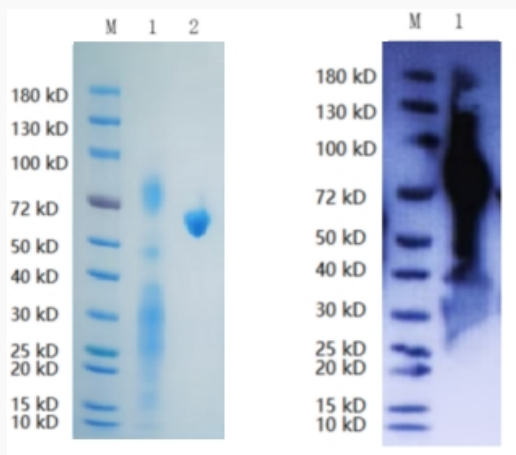
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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