

Heparan sulfate glucosamine 3-O-sulfotransferase 1 (Hs3st1) Recombinant Protein | Hs3st1 recombinant protein

Recombinant Mouse Heparan sulfate glucosamine 3-O-sulfotransferase 1 (Hs3st1)

CATALOG #
AAA114419

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Heparan sulfate glucosamine 3-O-sulfotransferase 1 (Hs3st1); Recombinant Mouse Heparan sulfate glucosamine 3-O-sulfotransferase 1 (Hs3st1); Hs3st1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	21-311, Full length protein
Sequence	HPAAPGPGLK QQELLRKVII LPEDTGEGTA SNGSTQQLPQ TIIIGVRKGG TRALLEMSL HPDVAAAENE VHFFDWEEHY SQGLGWYLTQ MPFSSPHQLT VEKTPAYFTS PKVPERIHSM NPTIRLLLIL RDPSEVLSD YTQVLYNHLQ KHKPYPIED LLMRDGRLNL DYKALNRSly HAHMLNWLRF FPLGHIHIVD GDRLIRDPFP EIQKVERFLK LSPQINASNf YFNKTKGFYC LRDSGKDRCL HESKGRAHPQ VDPKLLDKLH EYFHEPNKKF FKLVGRTFDW H
Sequence Length	291
Species	Mouse
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for Hs3st1 recombinant protein

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 possesses both heparan sulfate glucosaminyl 3-O-sulfotransferase activity, anticoagulant heparan sulfate conversion activity, and is a rate limiting enzyme for synthesis of anticoagulant heparan. This enzyme is an intraluminal Golgi resident protein.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754246
NCBI GeneID	15476
NCBI Accession #	NP_034604.1
NCBI GenBank Nucleotide #	NM_010474.2
UniProt Accession #	O35310
Molecular Weight	35,899 Da
NCBI Official Full Name	heparan sulfate glucosamine 3-O-sulfotransferase 1

NCBI Official Synonym Full Names	heparan sulfate (glucosamine) 3-O-sulfotransferase 1
NCBI Official Symbol	Hs3st1
NCBI Official Synonym Symbols	3-Ost; Hsg3ost; D5Wsu110e
NCBI Protein Information	heparan sulfate glucosamine 3-O-sulfotransferase 1
UniProt Protein Name	Heparan sulfate glucosamine 3-O-sulfotransferase 1
UniProt Gene Name	Hs3st1
UniProt Synonym Gene Names	3ost; 3ost1; Heparan sulfate 3-O-sulfotransferase 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/hs3st1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/114419>