

Human HS3ST1 Recombinant Protein



RPPB1831

Product Information Protein Information

Product SKU:

RPPB1831

Accession:

O14792

Host:

Escherichia Coli.

Protein description:

HS3ST1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 310 amino acids (21-307 a.a) and having a molecular mass of 36.2kDa. HS3ST1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Heparan sulfate glucosamine 3-O-sulfotransferase 1, Heparan sulfate D-glucosaminyl 3-O-sulfotransferase 1, 3-OST-1, Heparan sulfate 3-O-sulfotransferase 1, h3-OST-1, HS3ST1, 3OST, 3OST1, HS3S1.

Formulation:

HS3ST1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol and 2mM DTT.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Stability:

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Amino Acid Sequence:

MGSSHHHHHH SSSLVPRGSH MGSRPAELGQ QELLRKAGTL QDDVRDGVAP NGSQQLPQT IIIGVRKGGT
RALLEMLSLH PDVAAAENEV HFFDWEHYS HGLGWYLSQM PFSWPHQLTV EKTPAYFTSP KVPERVYSMN
PSIRLLLLLR DPSEVLSDY TQVFYNHMQK HKPYPSIEEF LVRDGRNLVD YKALNRSLYH VHMQNWLRRF
PLRHHIVDG DRLIRDPFPE IQKVERFLKL SPQINASNFY FNKTKGFYCL RDSGRDRCLH ESKGRAHPQV
DPKLLNKLHE YFHEPNKKFF ELVGRTFDWH.