

Heparan Sulfate 3-O-Sulfotransferase 1 Human Recombinant

Item Number	rAP-2026
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.
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.
Uniprot Accesion Number	O14792
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSRPAELGQ QELLRKAGTL QDDVRDGVAP NGSAAQLPQT IIIGVRKGGT RALLEMLSLH PDVAAAENEV HFFDWEHHYS HGLGWYLSQM PFSWPHQLTV EKTPAY- FTSP KVPERVYSMN PSIRLLLILR DPSERVLSDY TQVFYNHMQK HKPYPSIEEF LVRDGRNLVD YKAL- NRSLYH VHMQNWLRF PLRHHIVDG DRLIRDPFPE IQKVERFLKL SPQINASNFY FNKTKGFYCL RDSGRDRCLH ESKGRAHPQV DPKLLNLHE YFHEPNKKFF ELVGRTFDWH.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	HS3ST1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 40% glycerol and 2mM DTT. Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**