

ST6 Beta-Galactosamide Alpha-2,6-Sialyltransferase 1 Human Recombi-

Item Number	rAP-2045
Synonyms	ST6 Beta-Galactosamide Alpha-2,6-Sialyltransferase 1, ST6Gal I, SIAT1, CMP-N-Acetylneuraminate-Beta-Galactosamide-Alpha-2,6-Sialyltransferase 1, B-Cell Antigen CD75, Alpha 2,6-ST 1, EC 2.4.99.1, ST6Gall, CMP-N-Acetylneuraminate Beta-Galactosamide Alpha-2,6
Description	ST6GAL1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 403 amino acids (27-406 a.a) and having a molecular mass of 46kDa. ST6GAL1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P15907
Amino Acid Sequence	MGSSHHHHH SSSLVPRGSH MGSKEKKKGS YYDSFKLQTK EFQVLKSLGK LAMGSDSQSV SSSSTQDPHR GRQTLGSLRG LAKAKPEASF QVWNKDSSK NLIPRLQKIW KNYLSMNKYK VSYKGP GPGI KFSAEALRCH LRDHVNVMV EVTDFPFNTS EWEGYLPKES IRTKAGPWGR CAV- VSSAGSL KSSQLGREID DHDAVLRFG APTANFQQDV GTKTTIRLMN SQLVTTEKRF LKDSLYNEGI LIVWDPSVYH SDIPKWYQNP DYNFFNNYKT YRKLHPNQPF YILKPQMPWE LWDILQEISP EEIQPNPPSS GMLGIIMMT LCDQVDIYEF LPSKRKTDVC YYYQKFFDSA CTMGAYHPLL YEKNLVKHLN
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	ST6GAL1 protein solution (1mg/ml) containing 20mM Tris-HCl (pH 8.0) and 10% glycerol. 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**