

## ST3 Beta-Galactoside Alpha-2,3-Sialyltransferase 5 Human Recombi-

<b>Item Number</b>	rAP-2028
<b>Synonyms</b>	ST3 Beta-Galactoside Alpha-2,3-Sialyltransferase 5, SIAT9, Sialyltransferase 9 (CMP-NeuAc:Lactosylceramide Alpha-2,3-Sialyltransferase; GM3 Synthase), Ganglioside GM3 Synthase, ST3GalV, CMP-NeuAc:Lactosylceramide
<b>Description</b>	ST3GAL5 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 359 amino acids (83-418a.a) and having a molecular mass of 41kDa. ST3GAL5 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
<b>Uniprot Accession Number</b>	Q9UNP4
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSLKLNYYT EECDMKKMHY VDPDHVKRAQ KYAQQVLQKE CRPK-FAKTSM ALLFEHRYSV DLLPFVQKAP KDSEAESKYD PPFGRKFSS KVQTLLELLP EHDLPEHLKA KTCRRCV-VIG SGGILHGLEL GHTLNQFDVV IRLNSAPVEG YSEHVGNKTT IRMYPEGAP LSDLEYYSND LFAVAVLFKSV DFNWLQAMVK KETLPFWVRL
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered clear 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). Please avoid freeze thaw cycles.
<b>Formulation and Purity</b>	ST3GAL5 protein solution (1mg/ml) containing In 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**