

# Human ST3GAL5 Recombinant Protein



RPPB2286

## Product Information Protein Information

### Product SKU:

RPPB2286

### Accession:

Q9UNP4

### Host:

Escherichia Coli.

### Protein description:

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.

### Appearance:

Sterile Filtered clear solution.

### Synonyms:

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 Alpha-2,3-Sialyltransferase, ST3Gal V, EC 2.4.99.9, SATI, SIATGM3S, Alpha 2,3-Sialyltransferase V, Lactosylceramide Alpha-2,3-Sialyltransferase, Sialyltransferase 9, ST3GALV, GM3 Synthase.

### Formulation:

ST3GAL5 protein solution (1mg/ml) containing In 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.

### Purity:

Greater than 85.0% 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). Please avoid freeze thaw cycles.

### Amino Acid Sequence:

MGSSHHHHHH SSGLVPRGSH MGSLKLNYYT EECDMKKMHY VDPDHVKRAQ KYAQQVLQKE CRPKFAKTSM  
ALLFEHRYSV DLLPFVQKAP KDSEAESKYD PPFGRKFSS KVQTLLELLP EHDLP EHLKA KTCRCVVIG  
SGGILHGLEL GHTLNQFDVV IRLNSAPVEG YSEHVGKTT IRMTYPEGAP LSDLEYYSND LFAVLFKSV  
DFNWLQAMVK KETLPFWVRL FFWKQVAEKI PLQPKHFRIL NPVIKETAF DILQYSE PQS RFWGRDKNVP  
TIGVIAVVLA THLCDEVSLA GFGYDLNQPR TPLHYFDSQC MAAMNFQTMH NVTTETK FLL KLVKEGVVKD  
LSGGIDREF