

Human ST6GAL1 Recombinant Protein



RPPB2288

Product Information Protein Information

Product SKU:

RPPB2288

Accession:

P15907

Host:

Sf9, Baculovirus cells.

Protein description:

ST6GAL1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 389 amino acids (27-406 a.a.) and having a molecular mass of 44.6kDa (Migrates at 40-57kDa on SDS-PAGE under reducing conditions). ST6GAL1 is expressed with a 6 amino acid His tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

ST6 Beta-Galactoside Alpha-2,6-Sialyltransferase 1, ST6 Beta-Galactosamide Alpha-2,6-Sialyltransferase 1, ST6Gal I, CMP-N-Acetylneuraminate-Beta-Galactosamide-Alpha-2,6-Sialyltransferase 1, B-Cell Antigen CD75, Alpha 2,6-ST 1, EC 2.4.99.1, ST6GalI, SIAT1, CMP-N-Acetylneuraminate Beta-Galactosamide Alpha-2,6-Sialyltransferase, Sialyltransferase 1 (Beta-Galactoside Alpha-2,6-Sialyltransferase), ST6 N-Acetylgalactosaminide Alpha-2,6-Sialyltransferase 1, Sialyltransferase 1, ST6N.

Formulation:

ST6GAL1 protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

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:

ADPKEKKKGS YYDSFKLQTK EFQVLKSLGK LAMGSDSQSV SSSSTQDPHR GRQTLGSLRG LAKAKPEASF
QVWNKDSSSK NLIPRLQKIW KNYLSMNKYK VSYKGP GPGI KFSAEALRCH LRDHVNVMV EVDFFPNTS
EWEGYLPKES IRTKAGPWGR CAVVSSAGSL KSSQLGREID DHDVLRFN APTANFQQDV GTKTTIRLMN
SQLVTTEKRF LKDSLYNEGI LIVWDPSVYH SDIPKWYQNP DYNFFNNYKT YRKLHPNQPF YILKPQMPWE
LWDILQEISP EEIQPNPSS GMLGIIMMT LCDQVDIYEF LPSKRKTDVC YYYQKFFDSA CTMGAYHPLL
YEKNLVKHLN QGTDEDIYLL GKATLPGFRT IHCHHHHHH.