

# Human C1GALT1 Recombinant Protein



RPPB1454

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## Product Information    Protein Information

**Product SKU:**

RPPB1454

**Accession:**

Q9NS00

**Host:**

Escherichia Coli.

**Protein description:**

C1GALT1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 357 amino acids (30-363 a.a) and having a molecular mass of 41.4kDa.C1GALT1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered clear solution.

**Synonyms:**

Core 1 Synthase, Glycoprotein-N-Acetylgalactosamine 3-Beta-Galactosyltransferase 1, Core 1 Beta3-Gal-T1, Core 1 O-Glycan T-Synthase, Core 1 UDP-Galactose:N-Acetylgalactosamine-Alpha-R Beta 1,3 Galactosyltransferase 1, B3Gal-T8, EC 2.4.1.122, Core 1 Beta3-Gal-T, C1GALT, T-synthase, Glycoprotein-N-Acetylgalactosamine 3-Beta-Galactosyltransferase 1, Beta-1,3-galactosyltransferase, C1GalT1, Core 1 Beta1,3-Galactosyltransferase 1.

**Formulation:**

C1GALT1 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.

**Purity:**

Greater than 80.0% 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:**

MGSSHHHHHH SSGLVPRGSH MGSLGKVD TQPNVLHNDP HARHSDNGQ NHLEGQMNFN  
ADSSQHKDEN TDIAENLYQK VRILCWMTG PQNLEKKAKH VKATWAQRN KVLMSSEEN KDFPAVGLKT  
KEGRDQLYWK TIKAFQYVHE HyledADWFL KADDDTYVIL DNLRWLLSKY DPEEPIYFGR RFPYVKQGY  
MSGGAGYVLS KEALKRFVDA FKTDKCTHSS SIEDLALGRC MEIMNVEAGD SRDTIGKETF HPFVPEHHLI  
KGYLPRTFWY WNYNYPPVE GPGCCSDLAV SFHYVDSTTM YELEYLVYHL RPYGYLYRYQ PTLPERILKE  
ISQANKNEDT KVKLGNP.