

Recombinant Full Length Human B3GNT6 Protein, GST-tagged

Cat. No. B3GNT6-1636HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human B3GNT6 full-length ORF (NP_619651.3, 1 a.a. - 384 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	384 amino acids
Description	The protein encoded by this gene is a beta-1,3-N-acetylglucosaminyltransferase that adds an N-acetylglucosamine moiety to N-acetylgalactosamine-modified serine or threonine. The encoded enzyme is responsible for creating the core 3 structure of O-glycans, which are important components of mucin-type glycoproteins.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	69.1 kDa
AA Sequence	MAFPCRRSLT AKTLACLLVG VSFLALQQWF LQAPRSPREE RSPQEETPEG PTDAPAADEP PSELVPGPPC VANASANATA DFEQLPARIQ DFLRYRHCRH FPLLWDAPAK CAGGRGVFLL LAVKSAPEHY ERRELIRRTW GQERSYGGRP VRRLFLLGTP GPEDEARAER LAELVALEAR EHGDVLQWAF ADTFLNLTLLK HLHLLDWLAA RCPHARFLLS GDDDFVFHTA NVVRFLQAQP PGRHLFSGQL MEGSVPIRDS WSKYFVPPQL FPGSAYPVYC SGGGFLLSGP TARALRAAAR HTPLFPIDDA YMGMCCLERAG LAPSGHEGIR PFGVQLPGAQ QSSFDPCTMYR

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

ELLLVHRFAP YEMLLMWKAL HSPALSCDRG HRVS

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name B3GNT6 UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 6 (core 3 synthase) [Homo sapiens]

Official Symbol B3GNT6

Synonyms B3GNT6; UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 6 (core 3 synthase); UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 6; B3Gn T6; BGnT-6; beta3Gn-T6; beta-1,3-Gn-T6; core 3 synthase; beta-1,3-N-acetylglucosaminyltransferase 6; beta-1,3-N-acetylglucosaminyltransferase protein; B3Gn-T6; IMAGE:4907098; MGC119334; MGC119336; MGC119337

Gene ID 192134

mRNA Refseq NM_138706

Protein Refseq NP_619651

MIM 615315

UniProt ID Q6ZMB0

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