Recombinant Human B3GNT6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. B3GNT6-4017H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	B3GNT6 MS Standard C13 and N15-labeled recombinant protein (NP_619651) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 thr eonine. The encoded enzyme is responsible for creating the core 3 structure of O-gly cans, which are important components of mucin-type glycoproteins.
Molecular Mass	42.7 kDa
AA Sequence	MAFPCRRSLTAKTLACLLVGVSFLALQQWFLQAPRSPREERSPQEETPEGPTDAPA ADEPPSELVPGPPCVANASANATADFEQLPARIQDFLRYRHCRHFPLLWDAPAKCA GGRGVFLLLAVKSAPEHYERRELIRRTWGQERSYGGRPVRRLFLLGTPGPEDEARA ERLAELVALEAREHGDVLQWAFADTFLNLTLKHLHLLDWLAARCPHARFLLSGDDD VFVHTANVVRFLQAQPPGRHLFSGQLMEGSVPIRDSWSKYFVPPQLFPGSAYPVYC SGGGFLLSGPTARALRAAARHTPLFPIDDAYMGMCLERAGLAPSGHEGIRPFGVQL PGAQQSSFDPCMYRELLLVHRFAPYEMLLMWKALHSPALSCDRGHRVSTRTRPLE QKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

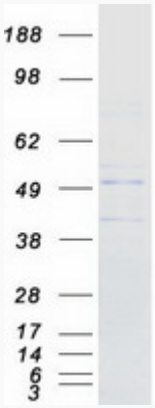
Tel: 1-631-559-9269 1-516-512-3133
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45-1 Ramsey Road, Shirley, NY 11967, USA

Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

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

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