

Product datasheet for TP314024M

B3GNT6 (NM_138706) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins Description: Recombinant protein of human UDP-GlcNAc:betaGal beta-1,3-Nacetylglucosaminyltransferase 6 (core 3 synthase) (B3GNT6), 100 µg Species: Human **Expression Host:** HEK293T **Expression cDNA Clone** >RC214024 protein sequence Red=Cloning site Green=Tags(s) or AA Sequence: MAFPCRRSLTAKTLACLLVGVSFLALQQWFLQAPRSPREERSPQEETPEGPTDAPAADEPPSELVPGPPC VANASANATADFEQLPARIQDFLRYRHCRHFPLLWDAPAKCAGGRGVFLLLAVKSAPEHYERRELIRRTW GQERSYGGRPVRRLFLLGTPGPEDEARAERLAELVALEAREHGDVLQWAFADTFLNLTLKHLHLLDWLAA RCPHARFLLSGDDDVFVHTANVVRFLQAQPPGRHLFSGQLMEGSVPIRDSWSKYFVPPQLFPGSAYPVYC SGGGFLLSGPTARALRAAARHTPLFPIDDAYMGMCLERAGLAPSGHEGIRPFGVQLPGAQQSSFDPCMYR ELLLVHRFAPYEMLLMWKALHSPALSCDRGHRVS **TRTRPLEQKLISEEDLAANDILDYKDDDDKV** C-Myc/DDK Tag: Predicted MW: 42.6 kDa **Concentration:** >0.05 µg/µL as determined by microplate BCA method **Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining **Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol Recombinant protein was captured through anti-DDK affinity column followed by **Preparation:** conventional chromatography steps. Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. Store at -80°C. Storage: Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. RefSeq: NP 619651



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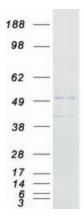
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	B3GNT6 (NM_138706) Human Recombinant Protein – TP314024M
Locus ID:	192134
UniProt ID:	<u>Q6ZMB0, A8K9Q8</u>
RefSeq Size:	2560
Cytogenetics:	11q13.5
RefSeq ORF:	1152
Synonyms:	3-Gn-T6; B3Gn-T6; beta-1; beta3Gn-T6; BGnT-6
Summary:	The protein encoded 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. [provided by RefSeq, Dec 2016]
Protein Pathway	/s: Metabolic pathways, O-Glycan biosynthesis

Product images:



Coomassie blue staining of purified B3GNT6 protein (Cat# [TP314024]). The protein was produced from HEK293T cells transfected with B3GNT6 cDNA clone (Cat# [RC214024]) using MegaTran 2.0 (Cat# [TT210002]).

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