

Recombinant Human B3GNT6 Protein (AA 35-384), N-6×His/GFP tagged

Cat. No. B3GNT6-11H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human B3GNT6 Protein (AA 35-384) with N-6×His/GFP tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	AA 35-384
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.
Molecular Mass	~72 kDa
AA Sequence	RSPREERSPQEETPEGPTDAPAADEPPSELVPGPPCVANASANATADFEQLPARIQ DFLRYRHCRHFLLWDAPAKCAGGRGVFLLAVKSAPEHYERRELIRRTWGQERSY GGRPVRRLFLLGTPGPEDEARAERLAELVALEAREHGDVLQWAFADTFLNLTCLKHL HLLDWLAARCPHARFLLSGDDDFVHTANVVRFLQAQPPGRHLFSGQLMEGSVPIR DSWSKYFVPPQLFPGSAYPVYCSGGGFLLSGPTARALRAAARHTPLFPIDDAYMGM CLERAGLAPSGHEGIRPFGVQLPGAQQSSFDPCMYRELLVHRFAPYEMLLMWKAL HSPALSCDRGHRVS

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Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Coomassie Blue stain.
Stability	6 months if stored at -80 centigrade. Avoid repeated freeze thaws.
Concentration	1 mg/mL
Storage Buffer	Supplied as a 0.2 µm filtered solution in 20mM HEPES pH 7.0 and 100mM NaCl buffer, with 10% Glycerol.
Preservative	0.05 % NaN ₃
Shipping	This product is shipped as 0.2µm filtered product on dry ice.

GENE INFORMATION

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

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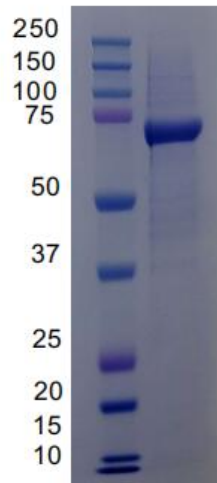
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Protein Refseq NP_619651

MIM 615315

UniProt ID Q6ZMB0

SDS-PAGE



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