

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

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human B3GNT6 Protein (AA 35-384) with N-6xHis/GFP tag was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>ProteinLength</b>	AA 35-384
<b>Description</b>	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.
<b>Molecular Mass</b>	~72 kDa
<b>AA Sequence</b>	RSPREERSPQEETPEGPTDAPAADEPPSELVPGPPCVANASANATADFEQLPARIQ DFLRYRHCRHFLLWDAPAKCAGGRGVFLLLVAVKSAPEHYERRELIRRTWQGERSY GGRPVRRLFLLGTPGPEDEARAERLAELVALEAREHGDVLQWAFADTFLNLTCLKHL HLLDWLAARCPHARFLLSGDDDFVHTANVVRFLQAQPPGRHLFSGQLMEGSVPIR DSWSKYFVPPQLFPGSAYPVYCSGGGFLLSGPTARALRAAARHTPLFPIDDAYMGM CLERAGLAPSGHEGIRPFGVQLPGAQQSSFDPCMYRELLLVHRFAPYEMLLMWKAL HSPALSCDRGHRVS

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

## GENE INFORMATION

<b>Gene Name</b>	B3GNT6 UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 6 (core 3 synthase) [ Homo sapiens (human) ]
<b>Official Symbol</b>	<b>B3GNT6</b>
<b>Synonyms</b>	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;
<b>Gene ID</b>	<b>192134</b>
<b>mRNA Refseq</b>	<b>NM_138706</b>

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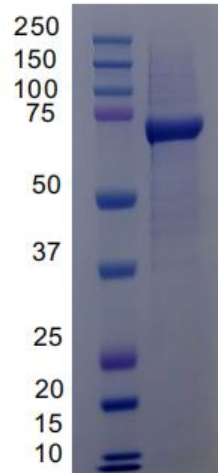
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**Protein Refseq** NP\_619651

**MIM** 615315

**UniProt ID** Q6ZMB0

**SDS-PAGE**



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