

## Recombinant Human B3GALNT2 protein, GST-tagged

**Cat. No.** B3GALNT2-30140H **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human B3GALNT2 (167-500 aa) protein, fused to GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Asn167-Arg500
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization.
<b>AA Sequence</b>	NDVGFQRNITVKLYQAEQEEALFIARFSPPPSCGVQVNKLWYKPVEQFILPESFEGTIV WESQDLHGLVSRNLHKVTVNDGGGVLRVITAGEGALPHEFLEGVEGVAGGFIYTIQE GDALLHNLHSRPQRLIDHIRNLHEEDALLKEESSIYDDIVFVDVVDTYRNVPAKLLNFY RWTVETTSFNLLKTDCCYIDLEAVFNRIQKNLDGPNFWWGNFRLNWAVDRTGK WQELEYPSPAYPAFACGSGYVISKDIVKWLASNSGRLKTYQGEDVSMGIWMAAIGP KRYQDSLWLCEKTCETGMLSSPQYSPWELTELWKLKERCGDPCRCQAR
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Stability</b>	Store for up to 12 months at -20°C to -80°C as lyophilized powder.
<b>Storage</b>	Short-term storage: Store at 2-8°C for (1-2 weeks).

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Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.  
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

## GENE INFORMATION

**Gene Name**

B3GALNT2 beta-1,3-N-acetylgalactosaminyltransferase 2 [ Homo sapiens ]

**Official Symbol**

B3GALNT2

**Synonyms**

B3GALNT2; beta-1,3-N-acetylgalactosaminyltransferase 2; UDP GalNAc:betaGlcNAc beta 1,3 galactosaminyltransferase, polypeptide 2; UDP-GalNAc:beta-1,3-N-acetylgalactosaminyltransferase 2; MGC39558; beta-1,3-GalNAc-T2; beta-1,3-galactosaminyltransferase 2; beta-1,3-N-acetylgalactosaminyltransferase II; beta 1,3-N-acetylgalactosaminyltransferase-II (MGC39558); UDP-GalNAc:betaGlcNAc beta 1,3-galactosaminyltransferase, polypeptide 2; UDP-GalNAc:betaGlcNAc beta-1,3-galactosaminyltransferase, polypeptide 2; B3GalNAc-T2;

**Gene ID**

148789

**mRNA Refseq**

NM\_152490

**Protein Refseq**

NP\_689703

**MIM**

610194

**UniProt ID**

Q8NCR0

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