

Recombinant Human B3GALNT2 protein, GST-tagged

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

SPECIFICATION

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