

Recombinant Full Length Human B3GALNT2 Protein, GST-tagged

Cat. No. B3GALNT2-1706HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human B3GALNT2 full-length ORF (NP_689703.1, 1 a.a. - 500 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	500 amino acids
Description	This gene encodes a member of the glycosyltransferase 31 family. The encoded protein synthesizes GalNAc:beta-1,3GlcNAc, a novel carbohydrate structure, on N- and O-glycans. Alternatively spliced transcript variants that encode different isoforms have been described.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	83.1 kDa
AA Sequence	MRNWLVLLCPCVLGAALHLWLRRLRSPPPACASGAGPADQLALFPQWKSTHYDVVV GVLSARNNHRLRNIVIRSTWMRHLLQHPTLSQRVLVKFIIGAHCVEPVEDREDPYSC KLLNITNPVLNQEIEAFSLSEDTSSGLPEDRVSVSFRVLYPIVITSLGVFYDANDVGF QRNITVKLYQAEQEEALFIARFSPPSGCVQVNKLWYKPVEQFILPESFEGTIVWESQ DLHGLVSRNLHKVTVNDGGGVLRVITAGEGALPHEFLEGVEGVAGGFIYTIQEGDAL LHNLHSRPQRLIDHIRNLHEEDALLKEESSIYDDIVFVDVVDTYRNVPAKLLNFYRWT

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VETTSFNLLKTDCCYIDLEAVFNRIQKNLDGPNFWWGNFRLNWAVDRTGKWQE
 LEYPSPAYPAFACGSGYVISKDIVKWLASNSGRLKTYQGEDVSMGIWMAAIGPKRY
 QDSLWLCEKTCETGMLSSPQYSPWELTELWKLKERCGDPCRCQAR

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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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