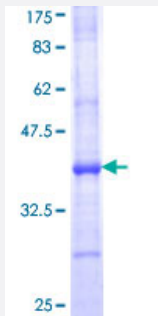


B3GNT2 (Human) Recombinant Protein (Q01)

Catalog # H00010678-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human B3GNT2 partial ORF (NP_006568, 111 a.a. - 210 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NLPDRFKDFLLYLRCRNYSLIDQPDKCAKKPFLLLAIKSLTPHFARRQAIRESWGQESNAGNQTV VRVFLLGQTPPEDNHPDLSDMLKFESEKHQDILM
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (87); Rat (87)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — B3GNT2

Entrez GeneID	10678
GeneBank Accession#	NM_006577
Protein Accession#	NP_006568
Gene Name	B3GNT2
Gene Alias	B3GN-T1, B3GN-T2, B3GNT, B3GNT-2, B3GNT1, BETA3GNT
Gene Description	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2
Omim ID	605581
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This enzyme is a type II transmembrane protein. It prefers the substrate of lacto-N-neotetraose, and is involved in the biosynthesis of poly-N-acetyllactosamine chains. [provided by RefSeq]
Other Designations	UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 1 beta-1,3-N-acetylglucosaminyltransferase bGnT-1 beta-1,3-N-acetylglucosaminyltransferase bGnT-2 beta3gal-T5

Pathway

- [Glycosphingolipid biosynthesis - lacto and neolacto series](#)
- [Keratan sulfate biosynthesis](#)
- [Metabolic pathways](#)