

Proteoliposomes

Full-Length

B4GALNT2 (Human) Recombinant Protein

Catalog # H00124872-G01

Size 10 ug

Specification

Product Description	Human B4GALNT2 full-length ORF (ADR83075.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MGSAGFSVGKFHVEVASRGRECVSGTPECGNRLGSAGFGDLCLELRGADPAWGPF AAHGRSR RQGS RFLWLLKILVILVLGVMFGMFGSMFLQAVFSSPKPEL PSPAPGVQKLKLLPEERLRNLF SYD GIWLF PKNQCKCEANKEQGGYNFQDAYGQSDLP AVKARRQAEFEHFQRREGLRPLPLL VQPN LPFGYPVHGVEVMPLHTVPIPLQFEGPDAPVYEVTLTASLGTNLADVPDSVVQGRGQKQLIIS TSDRKLLKFILQHVTYTSTGYQH QKVDIVSLES RSSVAKFPVTIRHPVIPKLYDPGPERKLRNLT AT KTFLRPHKLMIMLR SIREYYPDLTVIVADDSQKPLEIKDNHVEYYT MPFGKGWFAGRNLAISQV TTY VLWVDDDFLFNEETKIEVLVDVLEKTELDVVGGSVLGNVFQFKLLLEQSENGACLHKRMGFFQ P LDGFPSCVVTSGVVNFFLAHTERLQRVGFD PRLQ RV AHSEFFIDGLG TLLVGSCPEVIIGHQ SRSP VVDSELA ALEKTYNTYRSNTLTRVQFKLALHYFKNHLQCAA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	62.3
Interspecies Antigen Sequence	Mouse (74)
Form	Liquid
Preparation Method	in vitro wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
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

- Antibody Production

Gene Info — B4GALNT2

Entrez GeneID	124872
GeneBank Accession#	HQ258321.1
Protein Accession#	ADR83075.1
Gene Name	B4GALNT2
Gene Alias	B4GALGT2, B4GALT, Cad, GALGT2, MGC142235, MGC142237, SD, Sda
Gene Description	beta-1,4-N-acetyl-galactosaminyl transferase 2
Omim ID	111730
Gene Ontology	Hyperlink
Gene Summary	B4GALNT2 catalyzes the last step in the biosynthesis of the human Sd(a) antigen through the addition of an N-acetylgalactosamine residue via a beta-1,4 linkage to a subterminal galactose residue substituted with an alpha-2,3-linked sialic acid. B4GALNT2 also catalyzes the last step in the biosynthesis of the Cad antigen (Montiel et al., 2003 [PubMed 12678917]).[supplied by OMIM]
Other Designations	Sda beta1,4GalNAc transferase UDP-GalNAc:Neu5Acalpha2-3Galbeta-R beta1,4-N-acetylgalactosaminyltransferase beta 1,4 N-acetylgalactosaminyltransferase beta1,4 GalNAcT/Sda-GalNAcT other literature symbol GALGT2

Disease

- [Tobacco Use Disorder](#)