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	MGSAGFSVGKFHVEVASRGRECVSGTPECGNRLGSAGFGDLCLELRGADPAWGPFAAHGRSR RQGSRFLWLLKILVIILVLGIVGFMFGSMFLQAVFSSPKPELPSPAPGVQKLKLLPEERLRNLFSYD GIWLFPKNQCKCEANKEQGGYNFQDAYGQSDLPAVKARRQAEFEHFQRREGLPRPLPLLVQPN LPFGYPVHGVEVMPLHTVPIPGLQFEGPDAPVYEVTLTASLGTLNTLADVPDSVVQGRGQKQLIIS TSDRKLLKFILQHVTYTSTGYQHQKVDIVSLESRSSVAKFPVTIRHPVIPKLYDPGPERKLRNLVTIAT KTFLRPHKLMIMLRSIREYYPDLTVIVADDSQKPLEIKDNHVEYYTMPFGKGWFAGRNLAISQVTTKY VLWVDDDFLFNEETKIEVLVDVLEKTELDVVGGSVLGNVFQFKLLLEQSENGACLHKRMGFFQP LDGFPSCVVTSGVVNFFLAHTERLQRVGFDPRLQRVAHSEFFIDGLGTLLVGSCPEVIIGHQSRSP VVDSELAALEKTYNTYRSNTLTRVQFKLALHYFKNHLQCAA
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

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- 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|betal,4 GalNAcT/Sda-GalNAcT|other literature symbol GALGT2

Disease

- Tobacco Use Disorder

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