Recombinant Full Length Human B4GALNT2 Protein

Cat. No. B4GALNT2-1646HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human B4GALNT2 full-length ORF (ADR83075.1) recombinant protein without tag.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	566 amino acids
Description	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]).
Form	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Molecular Mass	62.3 kDa
AA Sequence	MGSAGFSVGK FHVEVASRGR ECVSGTPECG NRLGSAGFGD LCLELRGADP AWGPFAAHGR SRRQGSRFLW LLKILVIILV LGIVGFMFGS MFLQAVFSSP KPELPSPAPG VQKLKLLPEE RLRNLFSYDG IWLFPKNQCK CEANKEQGGY NFQDAYGQSD LPAVKARRQA EFEHFQRREG LPRPLPLLVQ PNLPFGYPVH GVEVMPLHTV PIPGLQFEGP DAPVYEVTLT ASLGTLNTLA DVPDSVVQGR GQKQLIISTS DRKLLKFILQ HVTYTSTGYQ HQKVDIVSLE SRSSVAKFPV TIRHPVIPKL YDPGPERKLR NLVTIATKTF LRPHKLMIML RSIREYYPDL

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	TVIVADDSQK PLEIKDNHVE YYTMPFGKGW FAGRNLAISQ VTTKYVLWVD DDFLFNEETK IEVLVDVLEK TELDVVGGSV LGNVFQFKLL LEQSENGACL HKRMGFFQPL DGFPSCVVTS GVVNFFLAHT ERLQRVGFDP RLQRVAHSEF FIDGLGTLLV GSCPEVIIGH QSRSPVVDSE LAALEKTYNT YRSNTLTRVQ FKLALHYFKN HLQCAA
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name	B4GALNT2 beta-1,4-N-acetyl-galactosaminyl transferase 2 [Homo sapiens]
Official Symbol	B4GALNT2
Synonyms	B4GALT; GALGT2
Gene ID	124872
mRNA Refseq	NM_153446.2
Protein Refseq	NP_703147.2
MIM	111730
UniProt ID	Q8NHY0

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA