

# Recombinant Full Length Human B4GALNT2 Protein

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

## SPECIFICATION

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

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto: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  
FIDGLGTLV GSCPEVIIGH QSRSPVDSE 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](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA