

Recombinant Human B4GALT6 protein, GST-tagged

Cat. No. B4GALT6-32H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human B4GALT6(48 a.a. - 145 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
ProteinLength	48-145 a.a.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	36.52 kDa
AA Sequence	ARGIMLRENVKTIGHMIRLYTNKNSTLNGTDYPEGNNSSDYLVQTTTYLPENFTYSP Y LPCPEKLPYMRGFLNVNVSEVSFDEIHQLFSKDL D IEPGG
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Gene Name	B4GALT6 UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 6 [Homo sapiens]
Official Symbol	B4GALT6
Synonyms	B4GALT6; UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 6; beta-1,4-galactosyltransferase 6; beta4GalT VI; UDP Gal:glucosylceramide beta 1; 4 galactosyltransferase; beta4GalT-VI; beta-1,4-GalTase 6; UDP-Gal:beta-GlcNAc beta-1,4-galactosyltransferase 6; UDP-Gal:glucosylceramide beta-1,4-galactosyltransferase; UDP-galactose:beta-N-acetylglucosamine beta-1,4-galactosyltransferase 6; B4Gal-T6; beta4Gal-T6;
Gene ID	9331
mRNA Refseq	NM_004775
Protein Refseq	NP_004766
MIM	604017
UniProt ID	Q9UBX8
Chromosome Location	18q11
Pathway	Asparagine N-linked glycosylation, organism-specific biosystem; Lactosylceramide biosynthesis, organism-specific biosystem; Lactosylceramide biosynthesis, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism of proteins, organism-specific biosystem; N-Glycan antennae elongation, organism-specific biosystem; N-glycan antennae elongation in the medial/trans-Golgi, organism-specific biosystem;

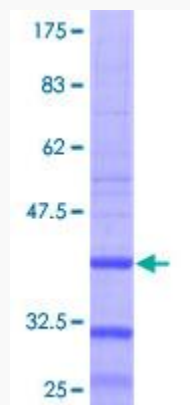
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Function

UDP-galactose:glucosylceramide beta-1,4-galactosyltransferase activity;
galactosyltransferase activity; metal ion binding; transferase activity, transferring
glycosyl groups;



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