Recombinant Human B4GALT1(Gly44-Ser398(Tyr285Leu)) Protein, C-6*His-tagged

Cat. No. B4GALT1-647H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human B4GALT1(P15291)(Gly44-Ser398(Tyr285Leu)) Protein, fused with a 6*His tag at the C-terminus, was produced in HEK293.
Species	Human
Source	HEK293
ProteinLength	44-398 a.a.
Form	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 150mM NaCl, pH 8.0.
Molecular Mass	The recombinant Human B4GALT1 Protein has a predicted molecular mass of 40.1kDa, it migrates with an apparent molecular mass of 50-60kDa under reducing conditions.
AA Sequence	Gly44-Ser398(Tyr285Leu)
Endotoxin	< 0.01 EU per μg of the protein as determined by the LAL method.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Concentration	Please refer to the COA for detailed information.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	B4GALT1 UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 1 [Homo sapiens]
Official Symbol	B4GALT1
Synonyms	B4GALT1; UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 1; GGTB2; beta-1,4-galactosyltransferase 1; beta4Gal T1; lactose synthase; beta-1,4-GalTase 1; glycoprotein-4-beta-galactosyltransferase 2; UDP-Gal:beta-GlcNAc beta-1,4-galactosyltransferase 1; UDP-galactose:beta-N-acetylglucosamine beta-1,4-galactosyltransferase 1; GT1; GTB; CDG2D; B4GAL-T1; beta4Gal-T1; MGC50983; DKFZp686N19253;
Gene ID	2683
mRNA Refseq	NM_001497
Protein Refseq	NP_001488
MIM	137060
UniProt ID	P15291

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