

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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