

Recombinant Full Length Human B3GALTL Protein, GST-tagged

Cat. No. B3GALTL-1716HF **Lot. No.** (See product label)

SPECIFICATION

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| Product Overview | Human B3GALTL full-length ORF (NP_919299.2, 1 a.a. - 498 a.a.) recombinant protein with GST-tag at N-terminal. |
| Species | Human |
| Source | In Vitro Cell Free System |
| ProteinLength | 498 amino acids |
| Description | The protein encoded by this gene is a beta-1,3-glucosyltransferase that transfers glucose to O-linked fucosylglycans on thrombospondin type-1 repeats (TSRs) of several proteins. The encoded protein is a type II membrane protein. Defects in this gene are a cause of Peters-plus syndrome (PPS). |
| Form | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| Molecular Mass | 83 kDa |
| AA Sequence | MRPPACWLLAPPALLALLTCSLAFGLASEDTKKEVKQSQDLEKSGISRKNDIDLKGI VFVIQSQSNSFHAKRAEQLKKSILKQAADLTQELPSVLLLHQLAKQEGAWTILPLLPH FSVTYSRNSSWIFFCEEETRIQIPKLETLRRYDPSKEWFLGKALHDEEATIIHHYAFS ENPTVFKYPDFAAGWALSIPLVNKLTKRLKSESLKSDFTIDLKHEIALYIWDKGGGPPL TPVPEFCTNDVDFYCATTFHSLPLCRKPKVKKKDFVAVKTCKKFHGDRIPVKQTWE SQASLIEYYSDYTENSIPTVDLGIPNTDRGHCGKTFAILERFLNRSQDKTAWLVIVDD |

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DTLISISRLQHLLSCYDSGKPVFLGERYGYGLGTGGYSYITGGGGMVFSREAVRLL
 ASKRCYNSNDAPDDMVLGMCFSGLGIPVTHSPLFHQARPVDYPKDYLSHQVPISFH
 KHWNIIDPVKVYFTWLAPSDKARQETQKGFREEL

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

Gene Name B3GALTL beta 1,3-galactosyltransferase-like [Homo sapiens]

Official Symbol B3GALTL

Synonyms B3GALTL; beta 1,3-galactosyltransferase-like; beta-1,3-glucosyltransferase; B3Glc T; B3GTL; beta 3-glycosyltransferase-like; beta-3-glycosyltransferase-like; UDP-GAL:beta-GlcNAc beta-1,3-galactosyltransferase-like; Gal-T; B3GLCT; B3Glc-T; beta3Glc-T

Gene ID 145173

mRNA Refseq NM_194318

Protein Refseq NP_919299

MIM 610308

UniProt ID Q6Y288

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