

## Product datasheet for **TP309884**

### **B3GALTL (B3GLCT) (NM\_194318) Human Recombinant Protein**

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Recombinant Proteins  |
| Description:                          | Recombinant protein of human beta 1,3-galactosyltransferase-like (B3GALTL), 20 µg   |
| Species:                              | Human   |
| Expression Host:                      | HEK293T   |
| Expression cDNA Clone or AA Sequence: | >RC209884 protein sequence<br><b>Red</b> =Cloning site <b>Green</b> =Tags(s)  |
|                                       | <p>MRPPACWVLLAPPALLALLTCSLAFGLASEDTKKEVKQSQDLEKSGISRKNDIDLKGIVFVIQSQSNSFH<br/>AKRAEQLKKSILKQAADLTQELPSVLLHQLAKQEGAWTILPLLPHFSVTYSRNSWIFFCEEETRIQIP<br/>KLETLRRYDPSKEWFLGKALHDEEATIIHHYAFSENPTVFKYPDFAAGWALSIPLVNKLTKRLKSESLK<br/>SDFTIDLKHEIALYIWDKGGGPPLTPVPEFCTNDVDFYCATTFSFLPLCRKPKVKKKIDIFVAVKTCCKFH<br/>GDRMPIVKQTWESQASLIEYSDYTENSIPTVDLGPNTDRGHCGKTFAILERFLNRSQDKTAWLVIVDD<br/>DTLISISRLQHLLSCYDSGKPVFLGERYGYGLTGGYSYITGGGGMVFSREAVRRLASKCRCYSNDAPD<br/>DMVLGMCFSGLGIPVTHSPLFHQARPVDYPKDYLSHQVPIFSHKHWNIDPVKVYFTWLAPSDDEDKARQET<br/>QKGFREEL</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p> |
| Tag:                                  | C-Myc/DDK   |
| Predicted MW:                         | 56.4 kDa  |
| Concentration:                        | >0.05 µg/µL as determined by microplate BCA method  |
| Purity:                               | > 80% as determined by SDS-PAGE and Coomassie blue staining   |
| Buffer:                               | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  |
| Preparation:                          | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  |
| Note:                                 | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  |
| Storage:                              | Store at -80°C.   |
| Stability:                            | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.   |



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RefSeq: [NP\\_919299](#)

Locus ID: 145173

UniProt ID: [Q6Y288](#)

RefSeq Size: 4221

Cytogenetics: 13q12.3

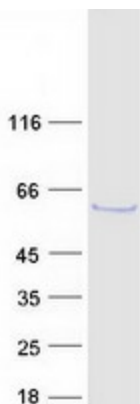
RefSeq ORF: 1494

Synonyms: B3GALTL; B3Glc-T; B3GTL; beta3Glc-T; Gal-T

**Summary:** 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).[provided by RefSeq, Mar 2009]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified B3GLCT protein (Cat# TP309884). The protein was produced from HEK293T cells transfected with B3GLCT cDNA clone (Cat# [RC209884]) using MegaTran 2.0 (Cat# [TT210002]).