

## Recombinant Human B3GALTL protein, His-tagged

Cat. No. B3GALTL-459H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                        |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human B3GALTL protein(Ser29-Phe494) was expressed in HEK293 with an N-terminal polyhistidine tag.                                                                                                                          |
| <b>Species</b>          | Human                                                                                                                                                                                                                                  |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                 |
| <b>ProteinLength</b>    | 29-494 aa                                                                                                                                                                                                                              |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | The recombinant human B3GALTL comprises 486 amino acids and has a predicted molecular mass of 55.4 kDa. The apparent molecular mass of the protein is approximately 54 kDa in SDS-PAGE under reducing conditions due to glycosylation. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method                                                                                                                                                                         |
| <b>Purity</b>           | > 95 % as determined by SDS-PAGE.                                                                                                                                                                                                      |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.                                                   |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                                          |

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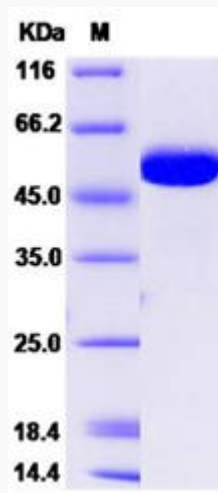
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## GENE INFORMATION

|                 |                                                                                                                                                                                                                                                            |
|-----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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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SDS-PAGE



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