

## Recombinant Human B3GNT2 Protein, MYC/DDK-tagged

**Cat. No.** B3GNT2-2216H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                              |
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| <b>Product Overview</b> | Recombinant human B3GNT2 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This enzyme is a type II transmembrane protein. It prefers the substrate of lacto-N-neotetraose, and is involved in the biosynthesis of poly-N-acetyllactosamine chains. Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Jan 2016]. |
| <b>Form</b>             | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.                                                                                                                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | 45.8 kDa                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                  |
| <b>Concentration</b>    | >50 ug/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                             |

### GENE INFORMATION

|                  |                                                                                       |
|------------------|---------------------------------------------------------------------------------------|
| <b>Gene Name</b> | B3GNT2 UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 2 [ Homo sapiens ] |
|------------------|---------------------------------------------------------------------------------------|

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|------------------------|------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b> | <a href="#">B3GNT2</a>                                                                               |
| <b>Synonyms</b>        | 3-Gn-T1; 3-Gn-T2; B3GN-T2; B3GNT; B3GNT-2; B3GNT1; beta-1; beta3Gn-T1; beta3Gn-T2; BETA3GNT; BGnT-2; |
| <b>Gene ID</b>         | <a href="#">10678</a>                                                                                |
| <b>mRNA Refseq</b>     | <a href="#">NM_006577</a>                                                                            |
| <b>Protein Refseq</b>  | <a href="#">NP_006568</a>                                                                            |
| <b>MIM</b>             | <a href="#">605581</a>                                                                               |
| <b>UniProt ID</b>      | <a href="#">Q9NY97</a>                                                                               |

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