

## Recombinant Human B3GNT4 protein, GST-tagged

**Cat. No.** B3GNT4-022H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human B3GNT4 partial ORF ( NP_110392, 279 a.a. - 378 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                   |
| <b>Description</b>      | This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase protein family. The encoded enzyme is involved in the biosynthesis of poly-N-acetyllactosamine chains and prefers lacto-N-neotetraose as a substrate. It is a type II transmembrane protein. [provided by RefSeq] |
| <b>Form</b>             | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | 36.74 kDa                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | GGYVMSRATVRRRLQAIMEDAELFPIDDVFGMCLRRRLGLSPMHHAGFKTFGIRRPL<br>DPLDPCLYRGLLLVHRLSPLEMWMTMWALVTDEGLKCAAGPIPQR                                                                                                                                                                                   |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                       |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                     |

### GENE INFORMATION

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|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | B3GNT4 UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 4 [ Homo sapiens ]                                                                                                                                                 |
| <b>Official Symbol</b> | B3GNT4                                                                                                                                                                                                                                |
| <b>Synonyms</b>        | B3GNT4; UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 4; B3GN T4; beta3Gn T4; BGnT-4; beta-1,3-Gn-T4; beta-1,3-N-acetylglucosaminyltransferase 4; beta-1,3-N-acetylglucosaminyltransferase bGn-T4; B3GN-T4; beta3Gn-T4; |
| <b>Gene ID</b>         | 79369                                                                                                                                                                                                                                 |
| <b>mRNA Refseq</b>     | NM_030765                                                                                                                                                                                                                             |
| <b>Protein Refseq</b>  | NP_110392                                                                                                                                                                                                                             |
| <b>MIM</b>             | 605864                                                                                                                                                                                                                                |
| <b>UniProt ID</b>      | Q9C0J1                                                                                                                                                                                                                                |

