

Product datasheet for **RC206965L3V**

B3GNT5 (NM_032047) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | B3GNT5 (NM_032047) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | B3GNT5 |
| Synonyms: | B3GN-T5; beta3Gn-T5 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_032047 |
| ORF Size: | 1134 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC206965). |
| OTI Disclaimer: | The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info |
| OTI Annotation: | This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. |
| RefSeq: | NM_032047.4 |
| RefSeq Size: | 4131 bp |
| RefSeq ORF: | 1137 bp |
| Locus ID: | 84002 |
| UniProt ID: | Q9BYG0 |
| Cytogenetics: | 3q27.1 |
| Domains: | Galactosyl_T |
| Protein Families: | Transmembrane |



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Protein Pathways: Glycosphingolipid biosynthesis - lacto and neolacto series, Metabolic pathways

MW: 44.1 kDa

Gene Summary: This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This enzyme is a type II membrane protein. It exhibits strong activity to transfer GlcNAc to glycolipid substrates and is identified as the most likely candidate for lactotriaosylceramide synthase. This enzyme is essential for the expression of Lewis X epitopes on glycolipids. [provided by RefSeq, Jul 2008]