

Product datasheet for **RC214024L3V**

B3GNT6 (NM_138706) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | B3GNT6 (NM_138706) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | B3GNT6 |
| Synonyms: | 3-Gn-T6; B3Gn-T6; beta-1; beta3Gn-T6; BGnT-6 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_138706 |
| ORF Size: | 1152 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC214024). |
| 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_138706.2 |
| RefSeq Size: | 2560 bp |
| RefSeq ORF: | 1155 bp |
| Locus ID: | 192134 |
| UniProt ID: | Q6ZMB0 |
| Cytogenetics: | 11q13.5 |
| Protein Pathways: | Metabolic pathways, O-Glycan biosynthesis |
| MW: | 42.7 kDa |



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Gene Summary:

The protein encoded by this gene is a beta-1,3-N-acetylglucosaminyltransferase that adds an N-acetylglucosamine moiety to N-acetylgalactosamine-modified serine or threonine. The encoded enzyme is responsible for creating the core 3 structure of O-glycans, which are important components of mucin-type glycoproteins. [provided by RefSeq, Dec 2016]