

Product datasheet for **SC301437**

B3GNTL1 (NM_001009905) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	B3GNTL1 (NM_001009905) Human Untagged Clone
Tag:	Tag Free
Symbol:	B3GNTL1
Synonyms:	3-Gn-T8; B3GNT8; beta-1; beta3Gn-T8; beta3GnTL1; BGnT-8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC301437 representing NM_001009905. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
 ATGAGCGGAGCCGGCGTGGGCGGGCGTCCGAGGAGAGCCAGGCCATGCAGGCCACGTGTCTATTATC
 CTCCCAGTCCACAACGCTGAACCGTGGCTGGACGAATGTTTGAGGTCTGTTTGCAACAGGACTTTGAA
 GGTACCATGGAGCTGTCTGTTTCAATGATGCCAGTAAGGACAAGTCTGGGGCTATCATTGAAAAATGG
 AGAGTGAAGCTGGAAGATTCTGGTGTCCACGTGATCATTGGGGGGCAGATTCTCCCTCTCCTAGAGGC
 GTCGGATACGCTAAAAATCAAGCAGTTGCCAGAGCTCAGGGTCTTACCTTTGCTTTTGGATTGCGAT
 GACGTGATGATGCCCCAGCGGTGAGGCTGCAACACGAGGCTGCCGTTGAGCACCCTCGAGCATCATT
 GGTGTCAGAGTGAGGAGAGATCCCCCTAACTCCACCGAACGATACACACGTTGGATCAACCAGCTGACG
 CCGGAGCAGCTCCTAACCAGGTTTTACCTCAAATGGCCCCACGGTGATCATGCCACCTGGTTCTGC
 TCGCGAGCGTGGTTCTCCACGTTGGGCCCTTTAACGAGGGAGGTGAGGCGTCCCGGAGGACCTGCTG
 TTCTTCTACGAGCACCTCAGGAAGGGCGGCGCGTCCGCGTGGACGAGATCTCCTGCTGTATCGC
 CACCACCCACAGGCGGCCACGACTGCGTCTCGAGACGACCATCTGGACCCACCGCGTCCGCTTCTG
 GAAGAGCAGGCCCTGCCCGCTGGGCGGCCTTACCATCTGGAACGCTGGCAAGCAGGGGCGCGGCTG
 TACCGCAGCTTGACTGCCGCGAGCCAGCAAGGTGGTGGCATTCTGTGACGTGGACGAGAACAAGATC
 AGGAAAGGCTTCTATTGCCAGGAGACTCTCAGGAAAGACCCAGCCCGAATCCCCATCCTGCACTTC
 CGAGCCGCGCGCCACCTTCGTCTATCGGTGAAGCTGGACCTCACAGGGGCGCCTTTGAGGACAAC
 CTGAGGTCACTGCACTTGCAAGAGGGCCAGGACTTCCTTCACTTCAGCTGA
ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001009905


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Insert Size:	1086 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM_001009905.2</u>
RefSeq Size:	3040 bp
RefSeq ORF:	1086 bp
Locus ID:	146712
UniProt ID:	<u>Q67FW5</u>
Cytogenetics:	17q25.3
MW:	40.7 kDa
Gene Summary:	Putative glycosyltransferase.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longest isoform (a).