OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC216918

B3glct (NM_001081204) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	B3glct (NM_001081204) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	B3glct
Synonyms:	B3galtl; Gm1057
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

View online »

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

Fully Sequenced ORF:

```
>MC216918 representing NM_001081204
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGCGGCCTCCCGCGCTGCTGGCGCTGTTCAGCTGCTCCGCGGCTTTTGCTTTGATGTCTGAAGAGATAA
AAGAAAAGGTCACGCCTTCTCAGGATTTGAGGCAGAGTAGTCTACCGGGGAGACATGACATAGACTTAAA
AGAAATCGTGTTTGTCATCCAGAGTCAAAGTAATTCCTTTCATGCCAAGAGAGCAGAACAGTTGAAAAAA
AACATCTTAAAGCAGGCTGCAAATCTGACACAGGATCTCCCTAGAGTCCTCCTTCTCCATCAGTTGGCAA
AGCAGGAAGGTGCTTGGACCATCCTTCCCTTGTTACCGCACTTTTCTGTAACATACAGCAAGAATTCAGC
GTGGATTTTCTTCTGTGAAGAAGAGACGAGACTACAAATCCCCAGACTCCTAGACACACTCAGACGATAT
GACCCATCTAAGGAATGGTTTTTAGGAAAAGCACTGTATGACGAAGAGTCGACGATCATCCACCATTACG
CCTTCTCTGAGAACCCAACAGTCTTTAAATATCCCGACTTCGCTGCTGGCTGGGCCCTTAGCATCCCGCT
GGTGAACAAGCTTGCCAAAAGATTAAAGAGTGAGGCGCTGAAGTCTGACTTCACAATTGATTTAAAGCAC
GAGATTGCCCTCTACATCTGGGACAAAGGTGGAGGACCGGCCCTCACCCCTGTGCCTGAGTTTTGTACAG
AAGATGTGGACCCCCGCTGCGTCACCACGTTCCATTCTTTCCTACCGCTCTGTGGAGTACCGGTAAAGAA
GGAGGAGATTTTTGTTGCAGTGAAAACGTGCAAGAAATTTCATGCTGACAGAATACCCATCGTAAAGAAG
ACATGGGCGGCACAGGCTAGCCTTATCGAATACTACAGTGACTATGCAGAAACCGCCATCCCCACGGTGG
ATTTGGGAATTCCCAATACAGACAGGGGTCATTGTGGAAAAACCTTTGCCATTTTGGAAAAATTTTTGAA
TCACAGTCACAACAAAATCTCATGGTTAGTCATTGTGGACGATGACACATTAATCAGCATCTCCAGGCTC
CGACACCTGCTTAGCTGCTATGACTCCAGCGACCCTGTGTTTCTGGGAGAGCGCTATGGCTACGGCCTAG
GCACAGGCGGCTACAGCTATGTCACAGGAGGAGGCGGGATGGTCTTTAGCAGGGAAGCCATCCGGAGACT
TCTCGTGAGCAGCTGCAGATGCTACAGCAATGACGCTCCGGACGACATGGTTCTGGGCATGTGCTTCAGT
GGGCTGGGGGTCCCCGTGACACACAGCCCCCTCTTCCATCAGGCTCGGCCAGTAGATTACCCCAAGGACT
ACCTCGCCCATCAGATTCCAGTATCATTTCACAAACACTGGCACATTGACCCGGTAAAGGTGTACCTCAC
GTGGCTGGCACCCAGTGAGGAAGACCAAGCCACGCAGGAGACACAGAAGGACCCAAGAGAAGAATTATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
```

Restriction Sites: SgfI-MluI

ACCN: NM_001081204

Insert Size: 1470 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).

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.

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US

RefSeq:	NM_001081204.1, NP_001074673.1
RefSeq Size:	4543 bp
RefSeq ORF:	1470 bp
Locus ID:	381694
UniProt ID:	Q8BHT6
Cytogenetics:	5 G3
Gene Summary:	O-glucosyltransferase that transfers glucose toward fucose with a beta-1,3 linkage. Specifically glucosylates O-linked fucosylglycan on TSP type-1 domains of proteins, thereby contributing to elongation of O-fucosylglycan (By similarity).[UniProtKB/Swiss-Prot Function]

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
©2024 OriGene Technologies, Inc., 9620 Medical Center Drive, Ste 200, Rockville, MD 20850, US