

Product datasheet for **MR223990**

B3glct (NM_001081204) Mouse Tagged ORF Clone

Product data:

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



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ORF Nucleotide Sequence:

>MR223990 representing NM_001081204
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGCGGCCTCCCGCTGCTGGCGCTGTTGAGCTGCTCCGCGCTTTTGTCTTGTATGCTGAAGAGATAA
 AAGAAAAGGTCACGCCTTCTCAGGATTTGAGGCAGAGTAGTCTACCGGGAGACATGACATAGACTTAAA
 AGAAATCGTGTGGTCCAGAGTCAAAGTAATTCCTTTCATGCCAAGAGAGCAGAACAGTTGAAAAAA
 AACATCTTAAAGCAGGCTGCAAATCTGACACAGGATCTCCCTAGAGTCTCCTTCTCCATCAGTTGGCAA
 AGCAGGAAGGTGCTTGGACCATCCTTCCCTGTTACCGCACTTTTCTGTAACATACAGCAAGAATTCAGC
 GTGGATTTTCTTGTGAAGAAGAGACGAGACTACAAATCCCAGACTCCTAGACACACTCAGACGATAT
 GACCCATCTAAGGAATGGTTTTAGGAAAAGCACTGTATGACGAAGAGTCGACGATCATCCACCATTACG
 CCTTCTGTGAGAACCAACAGTCTTAAATATCCCGACTTCGCTGCTGGTGGGCCCTTAGCATCCCGCT
 GGTGAACAAGCTTGCCAAAAGATTAAGAGTGAGGCGCTGAAGTCTGACTTCACAATTGATTTAAAGCAC
 GAGATTGCCCTACATCTGGGACAAAGGTGGAGGACCGCCCTACCCCTGTGCCTGAGTTTTGTACAG
 AAGATGTGGACCCCGCTGCGTCAACACGTTCCATTCTTTCCTACCGCTCTGTGGAGTACCGGTAAGAA
 GGAGGAGATTTTGTGTCAGTGAACGTCGAAGAAATTCATGCTGACAGAATACCCATCGTAAAGAAG
 ACATGGGCGGCACAGGCTAGCCTTATCGAATACTACAGTACTATGCAGAAACCGCCATCCCCACGGTGG
 ATTTGGGAATCCCAATACAGACAGGGTCAATGTGGAAAAACCTTGGCATTGGGAAAAATTTTGA
 TCACAGTCACAACAAAATCTCATGGTTAGTCATTGTGGACGATGACACATTAATCAGCATCTCCAGGCTC
 CGACACCTGCTTAGCTGCTATGACTCCAGCGACCCTGTGTTCTGGGAGAGCGCTATGGCTACGGCCTAG
 GCACAGGCGGCTACAGCTATGTCACAGGAGGAGCGGGATGGTCTTAGCAGGGAAGCCATCCGGGACT
 TCTCGTGAGCAGCTGCAGATGCTACAGCAATGACGCTCCGGACGACATGGTCTGGGCATGTGCTTCA
 GGGCTGGGGTCCCGTACACACAGCCCTTCCATCAGGCTCGGCCAGTAGATTACCCCAAGGACT
 ACCTCGCCATCAGATCCAGTATCATTTACAACACTGGCACATTGACCCGGTAAAGGTGTACCTCAC
 GTGGCTGGCACCCAGTGAGGAAGACCAAGCCACGAGGAGACACAGAAGGACCAAGAGAAGAATTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR223990 representing NM_001081204
 Red=Cloning site Green=Tags(s)

MRPPALLALFSCSAAFALMSEEIKEKVTPSQDLRQSSLPGRHDIDLKEIVFVIQSQSNSFHAKRAEQLKK
 NILKQAANLTQDLPRVLLHLAKQEGAWTILPLPHFSVTYSKNSAWIFFCEEETRLQIPRLDLTLRRY
 DPSKEWFLGKALYDEESTIIHHYAFSENPTVFKYPDFAAGWALSIPLVNKLAKRLKSEALKSDFTIDLKH
 EIALYIWDKGGGPALTPVPEFCTEDVDPVCVTFHSLPLCGVPVKKEEIFVAVKTCCKFHADRIPIVKK
 TWAAQASLIEYSDYAETAIPTVDLGIPNDRGHCGKTF AILEKFLNHSNKKISWLVIIVDDDTLISISRL
 RHLLSCYDSSDPVFLGERYGYGLTGGYSYVTGGGMVFSREAIRRLVSSRCYSNDAPDDMVLGMCFS
 GLGVPVTHSPLFHQARPVDYPKDYLAHQIPVSFHKHWHIDPVKVYLTWLPSEEDQATQETQKDPREEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mm9016_f07.zip

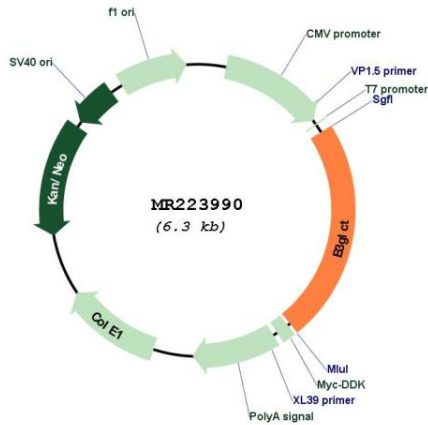
Restriction Sites:

Sgfl-Mlul

MW: 55.8 kDa

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]

Product images:



Circular map for MR223990