

Product datasheet for **MR204713**

B3gat2 (NM_172124) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	B3gat2 (NM_172124) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	B3gat2
Synonyms:	GlcAT-S; Glcats
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR204713 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGTCCGCGCTGTGCAGCCGCTTCTTCATCCTCCTGCCCTGGATCCTGATTGTCATCATCATGTTGG
ACGTGGACCCCGCAGGCCCGCGCCCACTCACTTCCCGTCCCTACTTCTCTCCCCATGCAGTGGGCTG
CGGGGGCTCCCGAGTCCCGCTCCGACGGAGTAGCCCCGGCGTGACGCTGCCGAGAAGCGGAACGAGTCT
CGGCCTCAGCTGCAGCCGAGCCGCGCTTGCCACCATCTATGCCATCACACCCACCTACAGTCGCCCGG
TGCAGAAAGCCGAGCTCACTCGCCTGGCCAACACCTTCCGCCAGGTGGCGCAGTTGCACTGGATCCTGGT
GGAGGACCGGGGACGCGCAGCGAGCTGGTGAGCAGTTTCTAGCTCGGGCCGGCCTGCCAACACGCAC
CTGCATGTGCCACGCCGCGCGCTACAAGCGACCGTGGCTGCCGCGGCCACCGAACAGCGCAACGCGG
GCCTCGCCTGGCTGCGCCAGAGGCATCAGCATCAGAGCGCGCAACCCGGCGTGCTTCTTCGCGCAGCA
TGACAACACGTACAGTCTGGAGCTTCCAGGAGATGAGGACCACTCGCAAGGTTTCTGTCTGGCCTGTG
GGACTAGTTGGTGGGCGACGCTATGAACGTCCGTTGGTAAAAATGGCAAAGTTGTTGGCTGGTACACCG
GATGGAGAGAAGACAGGCCTTTTGCCATTGACATGGCTGGGTTTGTGTGAGTCTGCAAGTCATCTTGTG
CAATCCGAAAGCTGTATTTAAGCGCCGTGGATCCAGCCAGGGATGCAAGAATCTGACTTTCTAAAGCAG
ATAACAACAGTTGAAGAACTGGAACCAAAAGTAGTAAGTGCACCAAGGTTCTCGTGTGGCACACTCGGA
CAGAGAAGGTCAATCTAGCCAATGAGCCAAAGTATCACCTGGACACAGTGAACATTGAGGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

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: [NM_172124.2](#), [NP_742122.2](#)

RefSeq Size: 4367 bp

RefSeq ORF: 975 bp

Locus ID: 280645

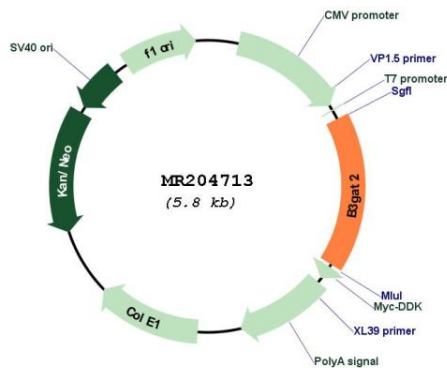
UniProt ID: [P59270](#)

Cytogenetics: 1 A5

MW: 37.1 kDa

Gene Summary: Involved in the biosynthesis of L2/HNK-1 carbohydrate epitope on both glycolipids and glycoproteins.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR204713