

Product datasheet for **MC207951**

B3gat2 (NM_172124) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: B3gat2 (NM_172124) Mouse Untagged Clone
Tag: Tag Free
Symbol: B3gat2
Synonyms: GlcAT-S; Glcats
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC207951 representing NM_172124
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGAAGTCGGCGCTGTGCAGCCGCTTCTTCATCCTCCTGCCCTGGATCCTGATTGTCATCATCATGTTGG
ACGTGGACCCCGCAGGCCCGCCCAACTCACTCCCGTCCCTACTTCTCTCCCATGCAGTGGGCTG
CGGGGCTCCCGAGTCCCGCTCCGACGGAGTAGCCCGGGCGTGACGCTGCCGAGAAGCGGAACGAGTCT
CGGCCTCAGTGCAGCCGAGCCGCGCTTGCCACCATCTATGCCATCACACCCACCTACAGTCGCCCGG
TGCAGAAAGCCGAGCTCACTCGCCTGGCCAACACCTTCCGCCAGGTGGCGAGTTGCACTGGATCCTGGT
GGAGGACCGGGCGACGCGCAGCGAGCTGGTGAGCAGCTTCTAGCTCGGGCCGGCCTGCCAACACGCAC
CTGCATGTGCCACGCGCGGGCTACAAGCGACCGTGGCTGCCGCGGCCACCGAACAGCGCAACGCGG
GCCTCGCCTGGCTGCGCCAGAGGCATCAGCATCAGAGCGCGCAACCCGGCGTGCTTCTTCGCGACGA
TGACAACACGTACAGTCTGGAGCTTCCAGGAGATGAGGACCACTCGCAAGTTTCTGTCTGGCCTGTG
GGACTAGTTGGTGGGCGACGCTATGAACGTCCGTTGGTAAAAAATGGCAAAGTTGTTGGCTGGTACACCG
GATGGAGAGAAGACAGGCCCTTTTGCCATTGACATGGCTGGTTGCTGTGAGTCTGCAAGTCACTTTGTC
CAATCCGAAAGCTGTATTTAAGCGCCGTGGATCCAGCCAGGGATGCAAGAATCTGACTTTCTAAAGCAG
ATAACAACAGTTGAAGAAGTGAACCAAAAGCTAGTAAGTGCACCAAGGTTCTCGTGTGGCACACTCGGA
CAGAGAAGGTCAATCTAGCCAATGAGCCAAAGTATCACCTGGACACAGTGAACATTGAGGT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_172124
Insert Size: 975 bp



[View online »](#)

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:	<ol style="list-style-type: none">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
Gene Summary:	Involved in the biosynthesis of L2/HNK-1 carbohydrate epitope on both glycolipids and glycoproteins.[UniProtKB/Swiss-Prot Function]