

Product datasheet for **MC219385**

Gbp2b (NM_010259) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gbp2b (NM_010259) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gbp2b
Synonyms:	Gbp-1; Gbp1; Mag-1; Mpa-1; Mpa1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219385 representing NM_010259
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCTCAGAAATCCACATGAAAGGCCAGTGTGCCTCATCAAGAACTCCGGTGAAGCAGTTGGAGTCT
 ACCAGGAAGCACTGGACATCCTGTCTGCTATCCAAAATCCTGTGGTGGTGTAGCAATAGTGGGCTTCTA
 CCACACAGGCAAATCCTATCTGATGAATAAGCTGGCTGAAAGCAGAAGGGCTTCTCCCTGGGCTCCACT
 GTGCAGTCTCACAAAAGGGCATCTGGATGTGGTGCATGCCTCATCCCGAGAAGCCAGAACATACCTGG
 TTCTGCTTGACACTGAGGGCCTGAAAGACATGCAGAAGGGTGACAACCAGAATGACTGTTGGATCTTTGC
 TTTGGCAGTCTCCTCAGCAGCACCTTCATCTACAACAGCATAGGAACCATCAACCAGCAGGCCATGGAC
 CAGCTGCACTATGTGACAGAAGTACTGATCTCATCAAATCAAAGTCATCACCTGATCAGAGTGTGTAG
 ACAACTCAGCTAACTTTGTGGGCTTTTTCTATCTTTGTGGACTCTGAGGGATTTCTCCCTGGATCT
 GGAATTTGATGGAGAATCCATCACTCCTGATGAGTACCTGGAGACTTCACTGGCTCTGAGAAAAGGAACT
 GATGAGAACACTAAAAATTTAATATGCCTCGCCTGTGTATCAGGAAGTCTTCCCAAAGAGGAAGTCT
 TCATCTTTGACAGGCCTGGAGACAGGAAGCAACTTTCCAAACTAGAGTGGATACAGGAGGACCAGCTGAA
 TAAAGAATTTGTAGAACAAGTTGAGAATTCACCTCATACATCTTCAGCTATTCTGGTGTCAAGACTCTA
 TCTGGAGGCATCACAGTCAATGGGCCACGTCTAAAAAGCCTGGTGCAGACCTATGTCAGTGCCATCTGCA
 GTGGAGAAGTACCTGTATGGAGAACGCAGTCTGACTTTGGCCAGATAGAGAAGTCAAGCAGCAGTGA
 AAAGGCCATCACCTACTACGAAGAACAGATGAATCAGAAGATCCACATGCCACAGAAACCTCCAGGAG
 CTCCTGGATCTGCACAGGACCTGTGAGAGGGAGGCCATTGAGGTCTTCAAGAATTCTTTCAAGGATG
 TAGACCAGAAGTCCAGGAAGAATTAGGGGCCAGCTGGAAGCCAAACGAGATGCCTTTGTAAAGAAGAA
 CATGGACATGTCATCTGCTCATTGCTCAGACTTACTGGAGGGCCTTTTGCTCATCTGGAAGAAGAAGTG
 AAGCAGGGGACATTTTATAAACCAGGAGCTACTACCTTTTTCTCAAAGGAAACAGAGCTGGAGAAAA
 AGTATATCCAGACTCCTGGAAAGGGACTCCAGGCTGAAGTGTGCTGAGAAAAACTTTGAATCCAAGGA
 GGATTTGGCTGATACACTTCTAAAGATGGACCAGTCACTCACAGAAAAGGAAAAGCAGATTGAAATGGAA
 CGTATAAAAGCAGAAGCCGAGAACGAGCAAATAGAGCATTGGCAGAAATGCAAAAGAAGCATGAGATGC
 TGATGGAACAGAAGGAACAGAGTTATCAAGAGCACATGAAACAGCTGACTGAGAAGTGGAGCAGGAACG
 GAAAGAGTTAATGGCAGAGCAACAAAGAATCATATCCCTTAAACTTCAGGAACAGGAAAGACTTCTCAAG
 CAAGGATTCAGAATGAGAGCTTCAACTACGTCAAGAGATAGAGAAAATCAAGAACATGCCTCCACCTC
 GATCATGCACCATACTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_010259

Insert Size: 1770 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.

RefSeq: [NM_010259.2](#), [NP_034389.2](#)

RefSeq Size: 2820 bp

RefSeq ORF: 1770 bp

Locus ID: 14468

Cytogenetics: 3 66.69 cM