

Product datasheet for **MC217479**

Gbp8 (NM_029509) Mouse Untagged Clone

Product data:

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|--------------------|---------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | Gbp8 (NM_029509) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Gbp8 |
| Synonyms: | 5830443L24Rik; mGBP8 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >MC217479 representing NM_029509
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCCAACCACAAATGGCTCCCATTTGTCTTGTGGAAAACCACAATGAACATCTGTCCGTGAACCATG
 AAGCCATAGAGATTCTGGAGAAGATTTCTCAGCCAGTGGTAGTCGTGGCTATTGTTGGATTGTACCGTAC
 AGGGAAGTCCTATTTGATGAACCGTCTGGCAGGACAGAATCACGGTTTCCCTCTGGGCTCCACTGTGCAG
 TCTCAGACCAAGGGCATCTGGATGTGGTGCATGCCACACCCCACTAAACCAGAGCACACCCTGGTCTCC
 TGGACACCGAGGGCTGGGGGATGTGGAAAAGGTGATCCTAAGAACGACTTGTGGATCTTGGCCCTCAG
 TGTGCTTCTGAGCAGCACCTTCACTACAACAGCATGAACACCATCAGCCATGATTCCTGGAGAACTA
 CATTATGTCACAGAACTCACTGAGCTGATCAGAGCAAAGTCTTCCACAAATCCTGATGGAATAAAGAATT
 CCACAGAGTTTGTGAGTTCTTTCCAGACTTTGTCTGGACTGTTCCGGATTTTCATGCTAGAGCTGAAGTT
 AAATGGGAAGACATCACAAGTGTAGTACCTGGAGAATGCCCTGAAGCTGATCCAGGATTGGGGATT
 CTAGTGACAACCTATGTAGATGCCATCAACAGTGGAGCAGTGCCTTGTGTGGATGATGCTGTGACAACCT
 TGGCCAGCGTGAGAACTCAGTAGCTGTGCAGAGGGCAGCTGACCACTACAGTGAGCAGATGGTCCAGCG
 ACTGAGCCTTCCACAGACACGCTCCAGGAGCTGCTGGATGTGCATGCAGCCTGCGAGAAGGAAGCCATG
 GCTGTCTTCATGGAGCATTCTTCAAGGACGAAAATCAGCAATTCCTGAAGAAGCTGGTGGAAATTAATAG
 GTGAGGCGAAAGTGCTTTTCTGTTGAAGAATGAAGAGGCATCTGATAAATACTGCCAGGAAGAACTGGA
 TCGACTTTCAAAGGATTTGATGGACAATATCTCAACATTTCTGTTCTGGGGGACACAGGCTCTACATG
 GACATGAGAGAGAAGATTGAGCATGATTACTGGCAAGTCCCAGGAAAGGGTGAAGGCAAGAGAAGTCT
 TCCAGACTTTCTCAGTCGCAGGCCATCATTGAGAGTTCCATCCTGCAGGCAGACACAGCCCTCACTGC
 TGGGCAGAAGGCCATTGCAGAGGAGCGCACCAAGAAGGAGGCAGCTGAGAAGGAGCAGGATCTGCTAAGA
 CAGAAGCAGAAGGAGCAGCAGGAGTATATGGAGGCTCAAGAGAAAAGGAACAAGGAAAACATAGAGCAAC
 TGAGAAGGAAGCTGGAGCAGGAGAGAGAGCAGCTCATCAAGACCATAACATGATGGTGGAGAAGAAGCT
 GAAGGAACAAAAGGCTTTGCTTGAGGAAGGATTTAAGAAGAAAGCTGAAGAAATGGACGGAGAGATACAG
 CAACTGAAACATAACATCGAGGATATGAAAAAAAACAGTGGTTCATTTTCGATACTATTATAAGAGAA
 GTTGCTTCATTTATTTTTCTCCATTTCAATGAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_029509

Insert Size: 1578 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_029509.4](#), [NP_083785.3](#)

RefSeq Size: 2459 bp

RefSeq ORF: 1578 bp

Locus ID: 76074

Cytogenetics: 5 E5