

Product datasheet for **MC219679**

Gbp10 (NM_001039646) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gbp10 (NM_001039646) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gbp10
Synonyms:	MGC117865; MGC118098
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219679 representing NM_001039646
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGACCCAACCACAAATGGCTCCCATTTGCCTTGTGAAAACCACAATGAACAGCTGTCAGTGAACCAGG
 AAGCCATAGAGATTCTGGACAAGATTTCTCAGCCAGTGGTAGTCGTGGCTATTGTTGGATGGTCCCGTAC
 TGGGAAGTCTATTTGATGAACTGTCTGGCGGGACAGAATCACGGCTTCCTCTGGGCTCCACTGTGCAG
 TCTCAAACCAAGGGCATCTGGATGTGGTGCATGCCACACCCACCAAGCCAGAGCACACCCTGGTCTCC
 TGGACACCGAGGGCCTGGGGATGTGAAAAGGGTATCCTAAGAACGACTTGTGGATCTTTGCCCTCAG
 TGTGCTTCTGAGCAGCACCTTCATCTACAACAGCATGATCACCATCAACCACCAGGCCCTGGAGCAGCTG
 CATTATGTCACAGAACTCACAGAGCTGATCAGAGCAAAGTCTTCCCAAATCCTGCTGGAATAAAGAATT
 CCACAGAGTTTGTGAGTTCTTTCCAGACTTTGTCTGGATTGTTCCGGATTTTCATGCTGGAGCTGAAGTT
 AAATGGGAAGACATACAAGTGTGACTACCTGGAGAATGCCTTGAAGCTGATCCAGGTGACAAACCC
 AGAATGCAAGCATCCAATTCATGCAGGGAATGCATCAGACTTTTCTTTCCCTAACCGGAAGTGTTCCTCT
 TTGACCGGCCAACGCATGACAAAGAAGCTTTTACAAAACTTGATTCTATCACAGAAGACCAACTGGATCC
 TAAGTTCAGGAAGTAACAAAGGCTTTTGTTCCTTACATCTTCACTTATGCCAAGATCAAGACCCTAAAA
 GAGGGAATTAAGTCACTGGGAATAAACTAGGGATTCTGGTGACAACCTATGTGGATGCCATCAACAGTG
 GAGCAGTGCCTTGTCTGGATGATGCTGTGACAACCTCTGGCCAGCGTGAGAACTCAGTAGCTGTGCAGAA
 AGCAGCCGACCACTATAGTGAGCAGATGGCCAGCGACTGAGGCTTCTACAGAAACGCTCCAGGAGCTG
 CTGGATGTGCATGCAGCCTGCGAGAAGGAAGCCATGGCTGTCTTCATGGAGCATTCTTCAAGGACGAAA
 ATCAGCAATTCGAAGAAGCTGGTGAATTAATAGGAGAGAACAAAGAGCTTTTCTGCGAAGAATGA
 AGAGGCATCAAATAAATACTGTCAAGAAGAAGCTGGATCGACTTTTCAAAGGATTTTATGAAAAATTTTCA
 ACATTTTTTGTTCCTTGTGGACACAAGCTTTACATGGACAAGAGGGAGAAGATTGAGCATGACTACTGGC
 AGGTTCCAGGAAAGGGGTGAAGGCAAGTGAAGTCTTCCAGAGCTTTCTGCAGTACAGGCCCTTCATCGA
 GAGTTCATCTTGCAGGCAGATACAGCGCTCACTGCTGGGAAGAAGGCCATTGCAGAGGAGCGTGCCACG
 AAGGTGGCGGCAGAGAAGGAGCAGGATCTGCTAAGACAGAAGCAGAAGGAGCAGCAGGAGTATATGGAGG
 CTCAAGAGAAAAGTCACAAGGAAAACATAGAGCAACTGAGGAGAAAAGCTGATGCAGGAGAGAGAGCAGCT
 CATCAAAGACCATAACATGATGCTGAAGAAGCAGCTGAAGGATCAAAGGCTTTCTTGGAGGAGGATTT
 AAGAAGAAAGCTGAGGAAATGAACAAAGAGATACAGCAACTGAGAGATGTCATCAAGGATAAGAAAAGAA
 AACTGATCGAATTAAGGATGCTCTCTAATGGATTTTCTACAGTTCTTTTTCATTACCTGTCCGTTA
 TCTAAAGCATTATGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001039646

Insert Size: 1836 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_001039646.2](#), [NP_001034735.2](#)

RefSeq Size: 3528 bp

RefSeq ORF: 1836 bp

Locus ID: 626578

Cytogenetics: 5 E5