

Product datasheet for **MC200628**

Gbp7 (NM_001083312) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gbp7 (NM_001083312) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gbp7
Synonyms:	9830147J24Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC010229 sequence for NM_001083312
GAATCGGGCGGGCGCAGCAGCAAGCCTAAAGGTGCTGAATCCAGGTAGCAGAGAATCCGGTGCAGGCTGG
TTACCATGGCATCTGGTCCCAACATGGAGGCTCCTGTGTGCCTAGTGGAAAATGAGAATGAAGAAGTGG
GGTGAAGTCCAAAGCAATAAACATTCTTGAGAGGATCACTCAGCCTGTAGTGGTGGTGGCCATTGTAGGA
CTATACCGTACGGGAAAACTCTACTTGTGAACCGCTTGGCAGGACAGAACCATGGCTTCAATCTGGGCA
CCACAGTTAGGTCTGAACTAAGGGCATCTGGATGTGGTGTGTGCCTCACCCAGCAAGCCCAAGTTCAC
ACTCGTCTTCTGGACACGGAGGGCTTAGGAGATGTGGAAAAGGGTGACCCTAAGAAATGACTCGTGGATC
TTCGCCCTGGCTGTGCTTCTGAGCAGCACCTTTGTCTACAACAGCATGAGCACCATCAACCACCAGGCC
TGGAGCAGCTGCACTATGTCACAGAAGTACAGAGCGGATCAGGGCAAAGTCCACTTCCAGTCTGAAGA
AGTGGATGACTCTGATGAGTTTGAAGTTTCTTCCAGATTTTATCTGGACTGTTGAGATTTCTGTTCTG
GAGCTGAAGTTAGAGGGACGTGTCATCACAGCAGACGAGTACCTAGAAAATGCCCTGAAGCTGATCCAG
GCATGAGTATCAAAGCCAGAAAGCTAAGTGCCTAGGGAATGCATCAGGCACCTCTTCCAAAGACGGAA
GTGCTTTGTCTTGTGACCTACAAAAGACAAAGAACTTTAGTGCATGTTGAGGAAATGCCAGAGGAC
CAGTTGGATCACAGTTTCAAGTGCAGTCAAAAAGAACTTTGTTCTACATCTTCTCCAATTCGAAGGCCA
AGACCTTGAAAGAGGGAATCGTTGTCAATGGAACCGACTGGCGACTCTGGTGCAGCCTACGTGGATGC
TATCAATAGTGGAGACGTGCCGTGTTAGAGAACGCAGTAAACAACCTGGCCAGCGTGAGAACTCCATA
GCTGTGCAGAAGGCAGCTGACCACTACAGTGCAGATGGCCAGCGAATGAGGCTCCCCACAGACACGC
TCCAGGAGCTGCTGACTGTGCATACAGCCTGTGAGAAGGAAGCCATTGCTGTCTTATGGAGCACTCCTT
CAAGGATGAGAATCAGCAATTCAGAAGAACTTGGTGGTACCATAGAGGAAAAAAGGAAGATTTCTG
CGACAGAAATGAAGCAGCGTCTCTCAGTCACTGCCAGGCTGAGCTGGACAAGCTCTCAGAGTCCCTGAGGG
AGAGCATCTCACGTGGAGTTTCTCTGTTCTGGGGTTCACAGGCTCTACTTAGAGGCCAGGAAGAAGGT
TGAACAGGACTATGAGCGAGTCCCAGGAAGGGAGTGAAGGCAATCATGTCCTCAGAGCTTCTACAG
TCACAGATTTCCATTGAGGACTCCATTATGCAGTCAGACAAAGCCCTCACTGATGGCCAGAAGGCCATGG
AAGCTGAGCGAGCTCAGAAGGAGGAGCTGAGAAGGAGCAGGAGCTACTAAGACAGAAACAGAAGGAGCT
GCAGCAGGTGATGGAAGCTCAAGAGAGAAGCTACAAGGAAAATGTGGCCAGCTGCACGAGAAGATGGAG
ACAGAAAGGAAGAACATCCTGAGAGAGCAAGAGGTGAAGCTGGAACACAAGTTGAAGATTCAAAAAGACA
TGCTTAATGAGGGATTTAAAAGGAAATGTGAAGCAATGGATTTGGAGATAAGTCAACTACAAAAGAGAT
TCAACTAAATAAGGAGAAGAATAGCTCATTGGGTGCAAAAATCCTTGATGGGTTTGGAGATGATTAATT
TCAGTAGTGCCTGTTCTGGTAAGTACTTTGGTCTAGGGTTGAAAATATTAAGCAGCCAAATGAATCAGA
CACAGAATTCAGACAAAGTTAGAAAATCTAAGTATAGCTTTCCCCACCTCCCTGAGACTTACTTTTGA
AGTCCATCTCACTTTAATTTCAATTTATCAAATTTCAAAAACCAAGAAATATAGGCTACTCTATAAATTA
ATGGCAAGACCCATTGCTGAAAACAAATGTATACAACCTATTGATTGATGGAGAAGTCAAGCTGGTGCC
CATAGATCCTTCTCCTTATATGCGGACATCTTTGGCACAGAATGACACTCTGCATGCTACAAAAGGAAAA
ACACAAATGCCAGCCAGCCACAAGCCCTTTGATCTACAATGGCATCCTGCCTGCAAAAATATGCAATGC
AGTGGTGGCACAAGTGTGGGAGTAACTAACCAATATCTGATTTGATTTAAGGCCAACTTACGGGATGA
AACCCATGCCTACACTGCCTGGGTGATCCAGAACCTAGATCAGATAGCCAGCGAACCTTGAGTAAACC
AAATACTATTGTTGATTAATAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_001083312

Insert Size: 1917 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: [BC010229](#), [AAH10229](#)

RefSeq Size: 2484 bp

RefSeq ORF: 1917 bp

Locus ID: 229900

Cytogenetics: 3 H1