

Product datasheet for **MC200672**

Gabpb1 (NM_207669) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gabpb1 (NM_207669) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gabpb1
Synonyms:	BABPB2; E4TF1; E4TF1-47; E4TF1-53; E4Tf1B; GABPB; GABPB-1; GABPB-2; GABPB1-1; GABPB1-2; NRF2B1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC013558 sequence for NM_207669
 CCCACGCGTCCGCGGACGCGTGGGCGGACGCGTGGGCGGGGCCGCGTCTGCCCTGACGGCTCCGAGGCGC
 CGCGGTCCCCGCACCTCCTCCCGCTGCTCCCCGCGCCGCTCCCGAAGCTTTTCCAGATGTCCCTGGTA
 GATTTGGGAAGAAGCTTTTAGAAGCGGCACGAGCCGGTCAAGATGATGAAGTTCGCATTTTATGGCAA
 ATGGAGCTCCTTTACTACAGACTGGTTGGAACTTCTCCACTTCATCTGGCCGCACAGTATGGGCATTT
 CTCTACCACAGAGTTCTTCTCCGAGCCGGTGAAGTAGAGATGCCAGGACCAAAAGTGGACCGGACACCA
 CTGCACATGGCGGCTTCTGAGGGCCATGCCAACATAGTAGAAGTTTGTAAAGCATGGTCTGACGTCA
 ATGCAAAGGATATGTTAAAGATGACAGCTCTGCATTGGGCAACAGAACATAATCATCAAGAGGTGGTGGA
 GCTTTTAAATCAAATATGGTGCTGATGTACACACGAGTAAATTTTGTAAAAGTGCATTTGATATTCTA
 ATAGACAATGAAATGAAGATTTAGCAGAGATATTACAGATTGCTATGCAGAACCAAATCAACACCAACC
 CGGAGAGTCTGACACTGTGACAATACACGCTGCCACACCACAGTTTATCATTGGACCCGGAGGGTGGT
 GAACCTCACAGATGAAACAGGAGTATCTGCTGTTCAAGTTTGGAACTCCTCTACGTCAGTATTAGCTACG
 TTAGCTGCCTTAGCTGAAGCTTCTGCCCATTTGCCAATTTCTCAGAACTCCAGTAGTGGCCACAGAGG
 AAGTGGTTACCGCAGAATCTGTGGATGGTGAATTCAGCAAGTAGTTAGCTCAGGGGTCAGCAAGTCAT
 CACGATAGTTACAGATGGAATCCAGCTGGGGAATTTGCACTCCATACCAACCAGTGGGATGGGTCAGCCC
 ATCATTGTGACGATGCCGATGGACAGCAAGTATTGACAGTACCAGCAACAGACATTGCTGAAGAACTG
 TCATCAGTGAAGAGCCACCAGCTAAGAGACAGTGTATGGAATAATTGAGAGCCGGTGGATGTGCAGA
 AATTGAAGAGAGAGAAGCGCTTCAGAAACAGCTGGATGAAGCCAACCGAGAGGCCAGAAATACCGACAG
 CAGCTGCTTAAGAAGGAGCAGGAGGCAGAGGCCTACAGGCAGAAGCTGGAGGCCATGACACGCATCCAGA
 CCAACAAAGAAGCCGTTTAGCTGCCATGAACACCAGTTTGTCTTTACCTTTTGTCCAGAAAGAATATAGT
 CTTGAAGTGTACACAGTAAGGACACAGCCATGGGAATACCGAATAATAGAAAATACTACAGCTTGATAAC
 GGGACTTAAGCCATGAGCTCTCAATTTCTGTAATAAAAATTTAGAACTTGTGAAATGTATTTAAACT
 GAATTCGTAAATAGTTTTTGGTTGTTTCTTTTTTACTGTTATAAATGAGTTGATGAAGCTTGTGCT
 GAGATCCAGAGGCCACAGCAAGCCACTGTTACGGGGAATTTCTTTTTGATTTGGGTGCAGACTTAATTTCT
 CAGAAACAGAAGTTGTAAGCGTGGTTGTTGCTCTTAGACCAAATGTGGAACAATTATGGTGGACTGATG
 CTGAAATACTCTGCAAAGAGATTTGCGCCAGGAACTTTTGTACAGCTTTTAAAGTTGCTCAGGTTCTCT
 GAAAACATTTTTAGGAAGCAGAAATTTATATTTGTTCTATTTAGCTACATGCAAGTAGATTTACATG
 TATATGAAGCAAATTTTTAAATTTTGTGTTGTACATATCCTGCATGTTTTATGATTTTAAACACATC
 CCTTGCTTAGGTATGCTCCTACAAAGACGATGAAAGTTACCAAGAAAAAACAAGGCACCACTGTCGT
 TCTGCCGTCGTTGAGAGTGAGTAAGCTCACAGCTGGTTTTACTGGCGACCATGACAATGTTCTTGGAGC
 AGCTTGAAGAGAACTCGAATCTGCAAAATATATGCTTTTCTGACAATTGATTGTGAGGATGTGAGACT
 GCTCTGTGCCCTTCTTCCATCATGACTTCCACACGAGCACTTTGAGGCGCTGGATTTAAGATAATGTTT
 TTGGCAAACACTCAGTGCATTTGGGTTTCTGAAATATTTTATGGACTTACTCCCCTCCCCTAAGAAATTA
 TTATTCTATGGAATGCTTTTGTATGCAGAGCAGGACCTTTTGTACTCAGTGAGGCTATGGGTGTGTC
 TAACGTAACCTTTCGGTATCCCTGTGAACGCGCTCCGGGCTGTGCTGCGACTCTCTACAATATTGTCA
 ATTCTGAAATGTATGGACATTTGACAGACTATCCATTCTTTTTGTAATAATGAACTTCAAGCTCTTTA
 TTATTTGTTTTGTTCTATTGCTTTATGAAAACGTTTGGCCCTCCCCACCCAGGCTCCTCTAGCTTAT
 CTGTATAAAGAACCAGTTACCTGCGAGACTGTACTCTGGCCTCATTTTCTATTTTACAATTAATAACTT
 TCCACATAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_207669

Insert Size: 1152 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: [BC013558](#), [AAH13558](#)

RefSeq Size: 2622 bp

RefSeq ORF: 1152 bp

Locus ID: 14391

UniProt ID: [Q00420](#)

Cytogenetics: 2 61.76 cM

Gene Summary: Transcription factor capable of interacting with purine rich repeats (GA repeats).
[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) (also known as Gabp-beta-1, GABBP1, Gabp-beta-1-1, GABPbeta1L) encodes isoform a. Both variants 1 and 4 encode the same isoform (a).
Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.