

## Product datasheet for **MC212582**

### **Gabpb2 (NM\_172512) Mouse Untagged Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gabpb2 (NM_172512) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gabpb2
Synonyms:	1810015F01Rik; 5830427M07; 9430006E19Rik; A430024B14Rik; AV050852; Gabpb2-1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC212582 representing NM_172512 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGTCTCTGGTGGACTTGGGAAGAGGCTGCTAGAAGCTGCAAGGAAAGGCCAAGACGATGAAGTGAGGA  
CACTGATGGCAAATGGGGCTCCATTACCACAGACTGGCTCGGAACATCACCGCTTCACCTGCAGCCCA  
GTATGGTCATTATCCACAGCAGAAGTGCTCCTTCGAGCTGGCGTTAGCAGGGATGCCCGGACCAAAGTG  
GACAGGACCCCTTGCATATGGCTGCAGCTGATGGACATGTTACATCGTGGAACTGCTTGTAGGAGTG  
GTGCAGATGTGAACGCAAAGGACATGCTGCAGATGACAGCTCTGCACTGGGCCACAGAGCACCATCACCG  
GGATGTCGTCGAGTTACTTATCAAATATGGAGCTGATGCTACGCTTTTAGCAAATTTGATAAGTCTGCC  
TTTGACATAGCAATGGAGAAAAACAATACTGAGATTTTGGTCAATGCTTCAGGAAGCAATGCAGAATCAGG  
TGAACACTAACCCAGAGAGCAACCCAGTGGCTAACCTGTGACTGTGACTGCTCCGTTTCATCTTAC  
CTCTGGAGAGGTCATTAACTCGCTAGCTTTGTCTCTTCAGCCAAACCAAAGCAACCTCAGTCAATTA  
GAAGAAATGGAAGAAGGAAATCTCTTGACTCCTCGACCCAGCAAGTGGTGGGGAGTGGAGGCCAGAGGG  
TCATCACCATCGTGACTGATGGAGTCCCTCTGGGTAACATCCAACATCACTCCCTGCTGGAGCCATTGG  
CCAGCCATTTATTGTAATATGCAAGATGGACAGCAAGTTCTAACTGTGCCTGCTGGTCAAGTTGCAGAG  
GAGACAATAATTGAAGATGAAGAAGAGGAAGAAGAGAAATGGCCATTGGTGAAGAGACCAAGGATGGCAG  
AGATGACAAACAGGGTTGAGGAAATGAAGGAAGGCAAGTGAAGAGAGCTACTGCAGCAACAGCTCCAGGA  
GGCCAACCGAAGAGCCAGGAGTACAGACACCAGCTCCTCAAGAAAGAGCAGGAGGCCGAGCAGTATCGG  
CTCAGGCTGGAGGCTATGGCTCAGCAGCAGACCAACGGAGTTGAAGTTGATGTCACCGTAGTTGAGGAAG  
TAGCTGAAGTGGATGCTGTAGTGGTACAGAAGGGGACGAGGTAGAAAGAGCAACACAAGTCATGAAGTC  
AGGAAGGACCACGAGCCTCACACTAACGTTTCCATAGAACTATTTTCATCTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_172512
<b>Insert Size:</b>	1245 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_172512.2</a></u> , <u><a href="#">NP_766100.1</a></u>
<b>RefSeq Size:</b>	8606 bp
<b>RefSeq ORF:</b>	1245 bp
<b>Locus ID:</b>	213054
<b>UniProt ID:</b>	<u><a href="#">P81069</a></u>
<b>Cytogenetics:</b>	3 40.74 cM
<b>Gene Summary:</b>	<p>Transcription factor capable of interacting with purine rich repeats (GA repeats). Must associate with GABP-alpha to bind DNA.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Both variants 1 and 2 encode the same protein. 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.</p>