

Product datasheet for **MC227572**

Gabpb2 (NM_029885) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gabpb2 (NM_029885) 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:	>MC227572 representing NM_029885 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCTCTGGTGGACTTGGGAAGAGGCTGCTAGAAGCTGCAAGGAAAGGCCAAGACGATGAAGTGAGGA
CACTGATGGCAAATGGGGCTCCATTACCACAGACTGGCTCGGAACATCACCGCTTCACCTGCAGCCCA
GTATGGTCATTATCCACAGCAGAAGTGCTCCTTCGAGCTGGCGTTAGCAGGGATGCCCGGACCAAAGTG
GACAGGACCCCTTGCATATGGCTGCAGCTGATGGACATGTTACATCGTGGAACGCTTGTAGGAGTG
GTGCAGATGTGAACGCAAAGGACATGCTGCAGATGACAGCTCTGCACTGGGCCACAGAGCACCATCACCG
GGATGTCGTCGAGTTACTTATCAAATATGGAGCTGATGCTACGCTTTTAGCAAATTTGATAAGTCTGCC
TTTGACATAGCAATGGAGAAAAACAATACTGAGATTTTGGTCAATGCTTCAGGAAGCAATGCAGAATCAGG
TGAACACTAACCCAGAGAGGCAACCCAGTGGCTAACCTGTGACTGTGACTGCTCCGTTTCATCTTAC
CTCTGGAGAGGTCATTAACCTCGCTAGCTTTGTCTCTTCAGCCAAACCAAAGCAACCTCAGTCAATTA
GAAGAAATGGAAGAAGGAAATCTCTTGACTCCTCGACCAGCAAGTGGTGGGGAGTGGAGGCCAGAGGG
TCATCACCATCGTGACTGATGGAGTCCCTCTGGGTAACATCCAACATCACTCCCTGGAGGCCATTGG
CCAGCCATTTATTGTAATATGCAAGATGGACAGCAAGTTCTAACTGTGCCTGCTGGTCAAGTTGCAGAG
GAGACAATAATTGAAGATGAAGAAGAGGAAGAAGAGAAATGGCCATTGGTGAAGAGACCAAGGATGGCAG
AGATGACAAACAGGGTTGAGGAAATGAAGGAAGGCAAGTGAAGAGAGCTACTGCAGCAACAGCTCCAGGA
GGCCAACCGAAGAGCCCAGGAGTACAGACACCAGCTCCTCAAGAAAGAGCAGGAGGCCGAGCAGTATCGG
CTCAGGCTGGAGGCTATGGCTCAGCAGCAGACCAACGGAGTTGAAGTTGATGTCACCGTAGTTGAGGAAG
TAGCTGAAGTGGATGCTGTAGTGGTACAGAAGGGGACGAGGTAGAAAGAGCAACACAAGTCATGAAGTC
AGGAAGGACCACGAGCCTCACACTAACGTTTCCATAGAACTATTTTCATCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_029885
Insert Size:	1245 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<ol style="list-style-type: none">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:	<u>NM_029885.1</u> , <u>NP_084161.1</u>
RefSeq Size:	8703 bp
RefSeq ORF:	1245 bp
Locus ID:	213054
UniProt ID:	<u>P81069</u>
Cytogenetics:	3 40.74 cM
Gene Summary:	<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 (1) represents the longer transcript. 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>