

Product datasheet for **MC227194**

Gabpb1 (NM_001271470) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gabpb1 (NM_001271470) 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
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC227194 representing NM_001271470 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCTGGTAGATTTGGGAAGAAGCTTTAGAAAGCGGCACGAGCCGGTCAAGATGATGAAGTTCGCA
TTTTGATGGCAAATGGAGCTCCTTTACTACAGACTGGTTGGAACTTCTCCACTCATCTGGCCGACA
GTATGGGCATTTCTCTACCACAGAGTTCTTCTCCGAGCCGGTGAAGTAGAGATGCCAGGACCAAAGTG
GACCGGACACCACTGCACATGGCGGCTTCTGAGGGCCATGCCAACATAGTAGAAGTTTGTAAAGCATG
GTGCTGACGTCAATGCAAAGGATATGTTAAAGATGACAGCTCTGCATTGGGCAACAGAACAATCATCA
AGAGGTGGTGGAGCTTTAATCAAATATGGTGCTGATGTACACACGCAGAGTAAATTTGTAAAACCTGCA
TTTGATATTTCAATAGACAATGGAAATGAAGATTTAGCAGAGATATTACAGATTGCTATGCAGAACCAAA
TCAACACCAACCCGGAGAGTCTGACACTGTGACAATACACGCTGCCACACCACAGTTTATCATTGGACC
CGGAGGGGTGGTGAACCTCACAGATGAAACAGGAGTATCTGCTGTTCAAGTTTGGAACTCCTCTACGTCA
GTATTAGCTACGTTAGCTGCCTTAGCTGAAGCTTCTGCCCCATTGTCCAATTTCTCAGAACTCCAGTGG
CCACAGAGGAAGTGGTTACCGCAGAATCTGTGGATGGTGAATTCAGCAAGTAGTTAGCTCAGGGGGTCA
GCAAGTCATCACGATAGTTACAGATGGAATCCAGCTGGGAATTTGCACTCCATAACCAACCAAGTGGGATG
GGTCAGCCATCATTGTGACGATGCCCGATGGACAGCAAGTATTGACAGTACCAGCAACAGACATTGCTG
AAGAACTGTCACTAGTGAAGGCCACCAGCTAAGAGACAGTGTATGAAATAATTGAGAGCCGGGTGGA
ATGTGCAGAAATTGAAGTAAAGGAGCCTTATACCCGGTGTGTTTTGCTGCAGCCATCCAAAATAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001271470
Insert Size:	1044 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_001271470.1, NP_001258399.1</u>
RefSeq Size:	1618 bp
RefSeq ORF:	1044 bp
Locus ID:	14391
Cytogenetics:	2 61.76 cM
Gene Summary:	<p>Transcription factor capable of interacting with purine rich repeats (GA repeats). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (6) differs in the 5' UTR and uses an alternate 3' terminal exon compared to variant 1. The resulting protein (isoform e) has a distinct C-terminus and is shorter than 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.</p>