

Product datasheet for MC227417

Gabpb1 (NM_001271468) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gabpb1 (NM_001271468) 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:	>MC227417 representing NM_001271468 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTCCTGGTAGATTTGGGAAGAAGCTTTTAGAAGCGGCACGAGCCGGTCAAGATGATGAAGTTCGCA
TTTTGATGGCAAATGGAGCTCCTTTACTACAGACTGGTTGGAACTTCTCCACTTCATCTGGCCGCACA
GTATGGGCATTTCTCTACCACAGAGTTCTTCTCCGAGCCGGTGAAGTAGAGATGCCAGGACCAAAGTG
GACCGGACACCACTGCACATGGCGGCTTCTGAGGGCCATGCCAACATAGTAGAAGTTTTGCTTAAGCATG
GTGCTGACGTCAATGCAAAGGATATGTTAAAGATGACAGCTCTGCATTGGCAACAGAACAATCATCA
AGAGGTGGTGGAGCTTTAATCAAATATGGTGCTGATGTACACACGCAGAGTAAATTTGTAAAACCTGCA
TTTGATATTTCAATAGACAATGGAATGAAGATTTAGCAGAGATATTACAGATTGCTATGCAGAACCAAA
TCAACACCAACCCGGAGAGTCTGACACTGTGACAATACACGCTGCCACACCACAGTTTCATCATTGGACC
CGGAGGGGTGGTGAACCTCACAGATGAAACAGGAGTATCTGCTGTTCAAGTTTGGAACTCCTCTACGTCA
GTATTAGCTACGTTAGCTGCCTTAGCTGAAGCTTCTGCCCCATTGTCCAATTCCTCAGAACTCCAGTAG
TGGCCACAGAGGAAGTGGTTACCGCAGAATCTGTGGATGGTGAATTCAGCAAGTAGTTAGCTCAGGGGG
TCAGCAAGTCATCAGATAGTTACAGATGGAATCCAGCTGGGGAAATTTGCACTCCATACCAACCAAGTGGG
ATGGTTCAGCCCATTTGTGACGATGCCCGATGGACAGCAAGTATTGACAGTACCAGCAACAGCATTG
CTGAAGAACTGTCATCAGTGAAGAGCCACCAGCTAAGAGACAGTGTATGGAAATAATTGAGAGCCGGGT
GGAATGTGCAGAAATTGAAGAGAGAGAAGCGCTTCAGAAACAGCTGGATGAAGCCAAACCGAGAGGCCAG
AAATACCGACAGCAGCTGCTTAAGAAGGAGCAGGAGGCAGAGGCCTACAGGCAGAAGCTGGAGGCCATGA
CACGCATCCAGACCAACAAGAAGCCGTT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001271468
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).
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_001271468.1</u> , <u>NP_001258397.1</u>
RefSeq Size:	2712 bp
RefSeq ORF:	1152 bp
Locus ID:	14391
UniProt ID:	<u>Q00420</u>
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 (5) uses an alternate in-frame splice site in the coding region compared to variant 1. It encodes isoform d which has one additional amino acid compared to isoform a. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.</p>