

Product datasheet for **MC225884**

Gabpb1 (NM_001271469) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gabpb1 (NM_001271469) 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:	>MC225884 representing NM_001271469 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCTGGTAGATTTGGGAAGAAGCTTTTAGAAGCGGCACGAGCCGGTCAAGATGATGAAGTTCGCA
TTTTGATGGCAAATGGAGCTCCTTTTACTACAGACTGGTTGGAACTTCTCCACTCATCTGGCCGCACA
GTATGGGCATTTCTCTACCACAGAGTTCTTCTCCGAGCCGGTGAAGTAGAGATGCCAGGACCAAAGTG
GACCGGACACCACTGCACATGGCGGCTTCTGAGGGCCATGCCAACATAGTAGAAGTTTGTAAAGGAGA
GAGAAGCGCTTCAGAAACAGCTGGATGAAGCCAACCGAGAGGCCAGAAATACCGACAGCAGCTGCTTAA
GAAGGAGCAGGAGGCAGAGGCCTACAGGCAGAAGCTGGAGGCCATGACACGCATCCAGACCAACAAGAA
GCCGTT**AG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001271469
Insert Size:	429 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).



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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_001271469.1</u> , <u>NP_001258398.1</u>
RefSeq Size:	1989 bp
RefSeq ORF:	429 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 (7) lacks several alternate in-frame exons in the coding region compared to variant 1. The resulting protein (isoform f) uses the same start codon but is shorter than isoform a. PubMed ID: 15656975 suggests that this protein lacks a nuclear localization signal found in 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>