

## Product datasheet for MR228671

### Gabpb1 (NM\_001271492) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gabpb1 (NM_001271492) Mouse Tagged ORF Clone
Tag:	Myc-DDK
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
ORF Nucleotide Sequence:	>MR228671 representing NM_001271492 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGTCCCTGGTAGATTTGGGAAGAAGCTTTTAGAAGCGGCACGAGCCGGTCAAGATGATGAAGTTCGCA  
TTTTGATGGCAAATGGAGCTCCTTTACTACAGACTGGTTGGAACTTCTCCACTTCATCTGGCCGCACA  
GTATGGGCATTTCTCTACCACAGAGTTCTTCTCCGAGCCGGTGAAGTAGAGATGCCAGGACCAAAGTG  
GACCGGACACCACTGCACATGGCGGCTTCTGAGGGCCATGCCAACATAGTAGAAGTTTGTAAAGCATG  
GTGCTGACGTCAATGCAAAGGATATGTTAAAGATGACAGCTCTGCATTGGGCAACAGAACAATCATCA  
AGAGGTGGTGGAGCTTTAATCAAATATGGTGCTGATGTACACACGCAGAGTAAATTTGTAAAACCTGCA  
TTTGATATTTCAATAGACAATGGAAATGAAGATTTAGCAGAGATATTACAGATTGCATGAGAACCAAA  
TCAACACCAACCCGGAGAGTCTGACACTGTGACAATACACGCTGCCACACCACAGTTCATCATTGGACC  
CGGAGGGGTGGTGAACCTCACAGATGAAACAGGAGTATCTGCTGTTCAAGTTTGGAAACTCCTCTACGTCA  
GTATTAGCTACGTTAGCTGCCTTAGCTGAAGCTTCTGCCCCATTGTCCAATTCTTCAGAACTCCAGGT

**ACGCGT**ACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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>	<a href="#">NM_001271492.1</a> , <a href="#">NP_001258421.1</a>
<b>RefSeq Size:</b>	3254 bp
<b>RefSeq ORF:</b>	702 bp
<b>Locus ID:</b>	14391
<b>UniProt ID:</b>	<a href="#">Q00420</a>
<b>Cytogenetics:</b>	2 61.76 cM
<b>MW:</b>	25.3 kDa
<b>Gene Summary:</b>	Transcription factor capable of interacting with purine rich repeats (GA repeats). [UniProtKB/Swiss-Prot Function]