

Product datasheet for **MR228095**

Gabpb1 (NM_001271469) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gabpb1 (NM_001271469) 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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR228095 representing NM_001271469 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTCCCTGGTAGATTTGGGGAAGAAGCTTTAGAAAGCGGCACGAGCCGGTCAAGATGATGAAGTTCGCA
 TTTTGATGGCAAATGGAGCTCCTTTTACTACAGACTGGTTGGAACTTCTCCACTTCATCTGGCCGCACA
 GTATGGGCATTTCTTACCACAGAGGTTCTTCCGAGCCGGTGAAGTAGAGATGCCAGGACCAAAGTG
 GACCGGACACCACTGCACATGGCGGCTTCTGAGGGCCATGCCAACATAGTAGAAGTTTGTCTAAGGAGA
 GAGAAGCGCTTCAGAAACAGCTGGATGAAGCCAACCGAGAGGCCAGAAATACCGACAGCAGCTGCTTAA
 GAAGGAGCAGGAGGCAGAGGCCTACAGGCAGAAGCTGGAGGCCATGACACGCATCCAGACCAACAAAGAA
 GCCGTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>MR228095 representing NM_001271469 Red=Cloning site Green=Tags(s)
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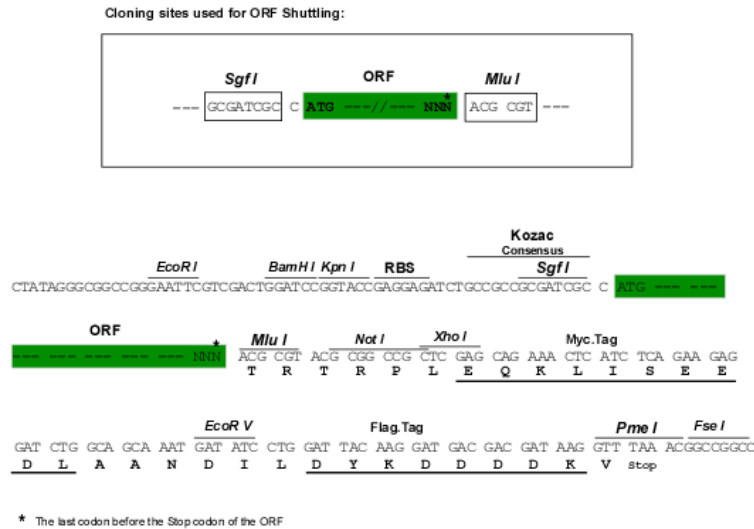
MSLVDLGKKLLEAARAGQDDEVRI LMANGAPFTTDWLGTSPLHLAAQYGHFSTTEVLLRAGVSRDARTKV
 DRTPLHMAASEGHANIVEVLLKEREALQKQLDEANREAQKYRQQLLKKEQEAAYRQKLEAMTRIQTNKE
 AV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV


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Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001271469

ORF Size: 426 bp

OTI Disclaimer: 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. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

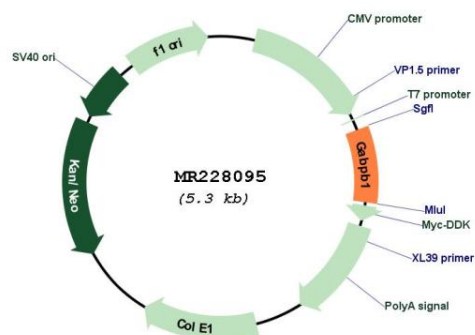
RefSeq: [NM_001271469.1](#), [NP_001258398.1](#)

RefSeq Size: 1989 bp

RefSeq ORF: 429 bp

Locus ID:	14391
Cytogenetics:	2 61.76 cM
MW:	16.4 kDa
Gene Summary:	Transcription factor capable of interacting with purine rich repeats (GA repeats). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR228095