

Product datasheet for MR229405

Gabpb1 (NM_001271470) Mouse Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Gabpb1 (NM_001271470) 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: | >MR229405 representing NM_001271470 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCTGGTAGATTTGGGAAGAAGCTTTAGAAAGCGGCACGAGCCGGTCAAGATGATGAAGTTCGCA
TTTTGATGGCAAATGGAGCTCCTTTACTACAGACTGGTTGGAACTTCTCCACTCATCTGGCCGCACA
GTATGGGCATTTCTCTACCACAGAGTTCTTCTCCGAGCCGGTGAAGTAGAGATGCCAGGACCAAAGTG
GACCGGACACCACTGCACATGGCGGCTTCTGAGGGCCATGCCAACATAGTAGAAGTTTGTAAAGCATG
GTGCTGACGTCATGCAAAGGATATGTTAAAGATGACAGCTCTGCATTGGGCAACAGAACAATCATCA
AGAGGTGGTGGAGCTTTAATCAAATATGGTGCTGATGTACACACGCAGAGTAAATTTGTAAAACCTGCA
TTTGATATTTCAATAGACAATGGAAATGAAGATTTAGCAGAGATATTACAGATTGCTATGCAGAACCAAA
TCAAACCAACCCGGAGAGTCTGACACTGTGACAATACACGCTGCCACACCACAGTTTCATCATTGGACC
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GTATTAGCTACGTTAGCTGCCTTAGCTGAAGCTTCTGCCCCATTGTTCAATTCTTCAGAACTCCAGTGG
CCACAGAGGAAGTGGTTACCGCAGAATCTGTGGATGGTGAATTCAGCAAGTAGTTAGCTCAGGGGGTCA
GCAAGTCATCACGATAGTTACAGATGGAATCCAGCTGGGAATTTGCACTCCATAACCAACCAAGTGGGATG
GGTCAGCCATCATTGTGACGATGCCCGATGGACAGCAAGTATTGACAGTACCAGCAACAGACATTGCTG
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ATGTGCAGAAATTGAAGTAAAGGAGCCTTATACCCGGTGTGTTTTGCTGCAGCCATCCAAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR229405 representing NM_001271470
 Red=Cloning site Green=Tags(s)

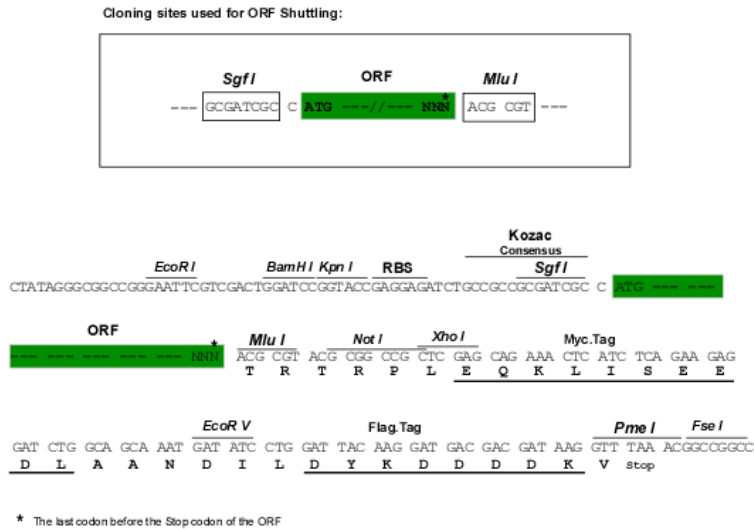
MSLVDLGKKLLEAARAGQDDEVRI LMANGAPFTTDWLGT SPLHLAAQYGHFSTTEVLLRAGVSRDARTKV
 DRTP LHM AASEGHANIVEVLLKHGADVNAKMLKMTALHWATEH NHQEVVELLIKYGADVHTQSKFCKTA
 FDISIDNGNEDLAEILQIAMQNQINTNPESPDTVTIHAATPQFIIGPGGVNLTDETGVS AVQFGNSSTS
 VLATLAALAEASAPLSNSSETPVATEEVVTAESVDGAIQQV VSSGGQQVITIVTDGIQLGNLHSIPTSGM
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TRTRPLEQKLISEEDLAANDILDYKDDDDKV

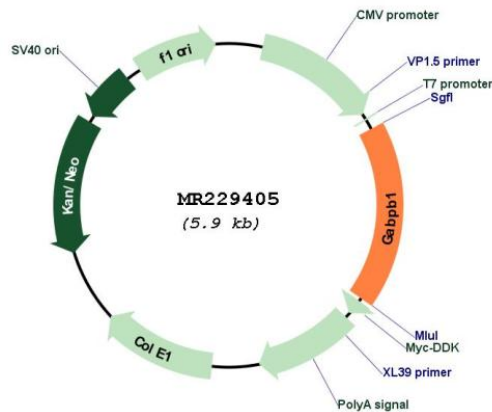
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001271470

ORF Size: 1041 bp

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| 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: | <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: | NM_001271470.1 , NP_001258399.1 |
| RefSeq Size: | 1618 bp |
| RefSeq ORF: | 1044 bp |
| Locus ID: | 14391 |
| Cytogenetics: | 2 61.76 cM |
| MW: | 37.3 kDa |
| Gene Summary: | Transcription factor capable of interacting with purine rich repeats (GA repeats). [UniProtKB/Swiss-Prot Function] |