

Product datasheet for **MG205970**

Gabpb1 (NM_207669) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gabpb1 (NM_207669) Mouse Tagged ORF Clone
Tag:	TurboGFP
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-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205970 representing NM_207669 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCTGGTAGATTTGGGAAGAAGCTTTTAGAAGCGGCACGAGCCGGTCAAGATGATGAAGTTCGCA
TTTTGATGGCAAATGGAGCTCCTTTACTACAGACTGGTTGGAACTTCTCCACTTCATCTGGCCGACA
GTATGGGCATTTCTCTACCACAGAGGTTCTTCTCCGAGCCGGTGAAGTAGAGATGCCAGGACCAAAGTG
GACCGGACACCACTGCACATGGCGGCTTCTGAGGGCCATGCCAACATAGTAGAAGTTTTGCTTAAGCATG
GTGCTGACGTCAATGCAAAGGATATGTTAAAGATGACAGCTCTGCATTGGCAACAGAACAATCATCA
AGAGGTGGTGGAGCTTTAATCAAATATGGTGCTGATGTACACACGCAGAGTAAATTTGTAAGACTGCA
TTTGATATTTCAATAGACAATGGAAATGAAGATTTAGCAGAGATATTACAGATTGCTATGCAGAACCAA
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GTATTAGCTACGTTAGCTGCCTTAGCTGAAGCTTCTGCCCATTTGTTCCAATTTCTCAGAACTCCAGTAG
TGGCCACAGAGGAAGTGGTTACCGCAGAATCTGTGGATGGTGCAATTCAGCAAGTAGTTAGCTCAGGGGG
TCAGCAAGTCAACAGATAGTTACAGATGGAATCCAGCTGGGGAATTTGCACTCCATACCAACAGTGGG
ATGGGTCAGCCATCATTGTGACGATGCCCGATGGACAGCAAGTATTGACAGTACCAGCAACAGACATTG
CTGAAGAACTGTCATCAGTGAAGAGCCACCAGCTAAGAGACAGTGTATGGAAATAATTGAGAGCCGGGT
GGAATGTGCAGAAATTGAAGAGAGAGAAGCGCTTCAGAAACAGCTGGATGAAGCCAACCGAGAGGCCCGAG
AAATACCGACAGCAGCTGCTTAAGAAGGAGCAGGAGGCAGAGGCCCTACAGGCAGAAGCTGGAGCCATGA
CACGCATCCAGACCAACAAGAAGCCGTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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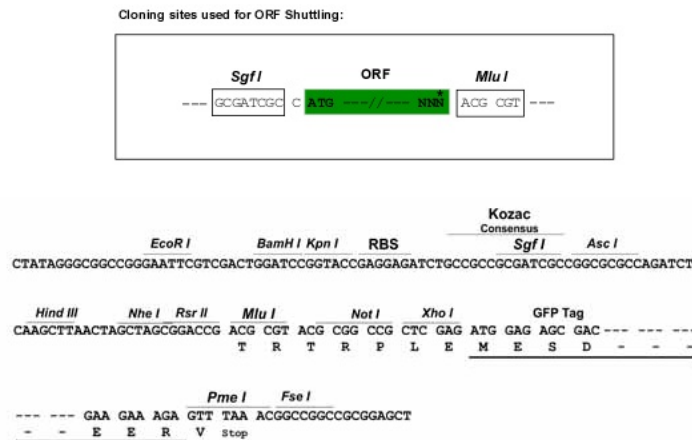
Protein Sequence: >MG205970 representing NM_207669
 Red=Cloning site Green=Tags(s)

MSLVDLGKLLLEAARAGQDDEVRI LMANGAPFTTDWLGT SPLHLAAQYGHFSTTEVLLRAGVSRDARTKV
 DRTP LHM AASEGHANIVEVLLKHGADVNAK DMLKMTALHWATEH NHQEVVELLIKYGADVHTQSKFCKTA
 FDISIDNGNEDLAEILQIAMQNQINTNPESPDVTIHAATPQFIIGPGGVNLTDETGVS AVQFGNSSTS
 VLATLAALAEASAPLSNSSETPVVATEEVVTAESVDGAIQQVVSSGGQQVITIVTDGIQLGNLHSIPTSG
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 KYRQQLLKEQEAAYRQKLEAMTRIQTNKEAV

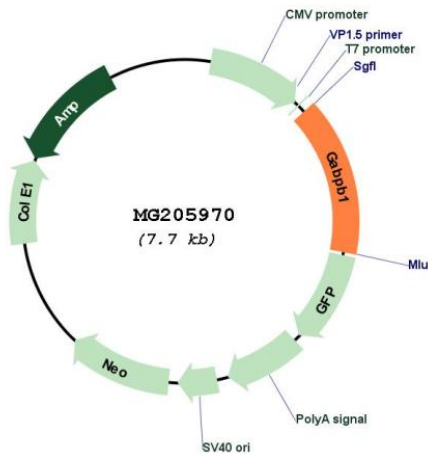
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_207669

ORF Size:	2706 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:	<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_207669.1
RefSeq Size:	2598 bp
RefSeq ORF:	1149 bp
Locus ID:	14391
UniProt ID:	Q00420
Cytogenetics:	2 61.76 cM
Gene Summary:	Transcription factor capable of interacting with purine rich repeats (GA repeats). [UniProtKB/Swiss-Prot Function]