

Product datasheet for **MG205323**

Gabpa (BC013562) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gabpa (BC013562) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Gabpa
Synonyms:	GABPalpha
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG205323 representing BC013562 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCCAAAGTTGAACATTCTTGAATTGTTAAGACTGCGGAAACGGTCGAGGTGGTCATCGATCCAG
ATGCCACCACGCGGAAGCAGAAGCGCATCTCGTTGAAGAAGCTCAAGTGATAACTCTTGACGGCACCAA
GCACATTACGACCATTTAGACGAGACCTCGGAGCAGGTGACGAGATGGGCTGCTGCACTGGAAGGCTAC
AGAAAAGAGCAGGAGCGCCTTGGCATCCCCTATGATCCTATACACTGGTCCACGGACCAAGTCCTGCATT
GGGTGGTTGGTAATGAAGGAGTTCAGCATGACTGATATAGACCTCACCACTCAACATTTCCGGGAAG
AGAATTATGTAGTCTCAACCAAGAAGATTTTTTTCAGCGGGTCCCTCGGGGAGAAATTTTGGAGTCAT
CTGGAGCTTCTTCGAAAATATGTTTTGGCCAGCCAAGAGCAACAGATGAATGAGATAGTTACCATTGACC
AGCCTGTGCAGATTATCCAGCCTCAGTGCCTCCCCTACACCGACTACGATTAAAGTTATAAACAGCAG
TGCAAAAGCAGCTAAAGTGCAACGGTCCCCAAGGATTTTCAGGAGAAGACAGAAGTTCACCGGGGAACAGA
ACAGGAAACAATGGTCAGATCCAATATGGCAGTTTTTGTAGAACTTCTACTGACAAGGATGCTCGAG
ACTGTATTTCTGGGTTGGTGATGAAGGTGAATTTAAGCTAAATCAGCCTGAGTTGGTTGCGCAAAAATG
GGGACAACGTAAGAACAAGCCTACCATGAATATGAGAACTTAGCCGTGATTACGGTATTATTATGAT
GGGGACATGATTTGTAAGTTCAAGGCAAGAGATTTGTGTACAAATTTGTTTGTGACTTGAAGACTCTAA
TTGGATACAGTGCAGCAGAAGTGAACCGTCTGGTCATAGAGTGTGAACAGAAGAACTGGCACGGATGCA
GCTGCATGGGATTGCCAGCCAGTCACGGCAGTAGCACTGGCAGCCACCTCTCTACAGGCAGACAAAGAG
ATT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG205323 representing BC013562
 Red=Cloning site Green=Tags(s)

MEPKLNILEIVKTAETVEVVIDPDAHAEAEHLVEEAQVITLDGTKHITTISDETSEQVTRWAAALEGY
 RKEQERLGIPIYDPIHWSTDQVLHWVWVMKEFSMTDIDL TTLNISGRELCSLNQEDFFQRVPRGEILWSH
 LELLRKYVLASQEQQMNEIVTIDQPVQIIPASVPPATPTTIKVINSSAKAAKVQRSPRISGEDRSSPGNR
 TGNNGQIQLWQFLLELLTDKDARDCISWVGDEGEFKLNQPELVAQKWGQRKNKPTMNYEKL SRALRYYYD
 GDMICKVQGRFVYKFCVCDLKTLLIGYSAAELNRLVIECEQKKLARMQLHGIAQPVTAVALAATSLQADKE
 I

TRTRPLE - GFP Tag - V

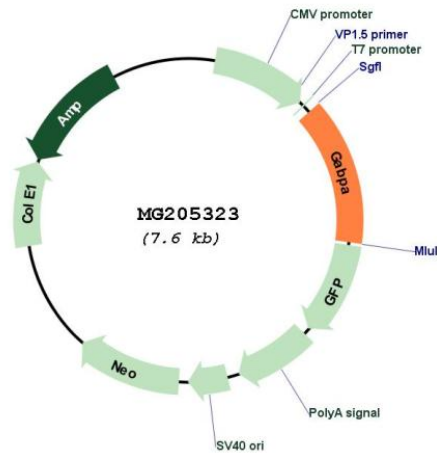
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN:

BC013562

ORF Size:	1053 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:	BC013562.1
RefSeq Size:	4266 bp
RefSeq ORF:	1055 bp
Locus ID:	14390
Cytogenetics:	16 46.92 cM
Gene Summary:	Transcription factor capable of interacting with purine rich repeats (GA repeats). [UniProtKB/Swiss-Prot Function]