

Product datasheet for MR205323

Gabpa (BC013562) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gabpa (BC013562) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gabpa
Synonyms:	GABPalpha
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR205323 representing BC013562 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGCCAAAGTTGAACATTCTTGAATTGTTAAGACTGCGGAAACGGTCGAGGTGGTCATCGATCCAG
ATGCCACCACGCGGAAGCAGAAGCGCATCTCGTTGAAGAAGCTCAAGTGATAACTCTTGACGGCACCAA
GCACATTACGACCATTTAGACGAGACCTCGGAGCAGGTGACGAGATGGGCTGCTGCACTGGAAGGCTAC
AGAAAAGAGCAGGAGCGCCTTGGCATCCCCTATGATCCTATACACTGGTCCACGGACCAAGTCCTGCATT
GGGTGGTTTGGTAATGAAGGAGTTCAGCATGACTGATATAGACCTCACCACTCAACATTTCCGGGAAG
AGAATTATGTAGTCTCAACCAAGAAGATTTTTTTCAGCGGGTCCCTCGGGGAGAAATCTTTGGAGTCAT
CTGGAGCTTCTTCGAAAATATGTTTTGGCCAGCCAAGAGCAACAGATGAATGAGATAGTTACCATTGACC
AGCCTGTGCAGATTATCCAGCCTCAGTGCCTCCCCTACACCGACTACGATTAAAGTTATAAACAGCAG
TGCAAAAGCAGCTAAAGTGCAACGGTCCCCAAGGATTTTCAGGAGAAGACAGAAGTTCACCGGGGAACAGA
ACAGGAAACAATGGTCAGATCCAATATGGCAGTTTTTGTAGAACTTCTACTGACAAGGATGCTCGAG
ACTGTATTTCTTGGGTTGGTGATGAAGGTGAATTAAGCTAAATCAGCCTGAGTTGGTTGCCAAAAATG
GGGACAACGTAAACAAGCCTACCATGAATATGAGAACTTAGCCGTGATTACGGTATTATTATGAT
GGGGACATGATTTGTAAGTTCAAGGCAAGAGATTTGTGTACAAATTTGTTTGTGACTTGAAGACTCTAA
TTGGATACAGTGCAGCAGAAGTGAACCGTCTGGTCATAGAGTGTGAACAGAAGAACTGGCACGGATGCA
GCTGCATGGGATTGCCAGCCAGTCACGGCAGTAGCACTGGCAGCCACCTCTCTACAGGCAGACAAAGAG
ATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >MR205323 representing BC013562
 Red=Cloning site Green=Tags(s)

MEPKLNILEIVKTAETVEVVIDPDAAHAEAEHLVEEAQVITLDGKTHITTSDETSEQVTRWAAALEGY
 RKEQERLGIPIYDPIHWSTDQVLHWVWVMKEFSMTDIDLTTLNISGRELCSLNQEDFFQRVPRGEILWSH
 LELLRKYVLASQEQQMNEIVTIDQPVIIPASVPPATPTTIKVINSSAKAAKQVRSRISGEDRSSPGNR
 TGNNQIQWLWQFLLELLTDKDARDCISWVGDEGEFKLNQPELVAQKWGQRKNKPTMNYEKLSRALRYYYD
 GDMICKVQGRFVYKFCVLDKTLIGYSAAELNRLVIECEQKKLARMQLHGIAQPVTAVALAATSLQADKE
 I

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

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:

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

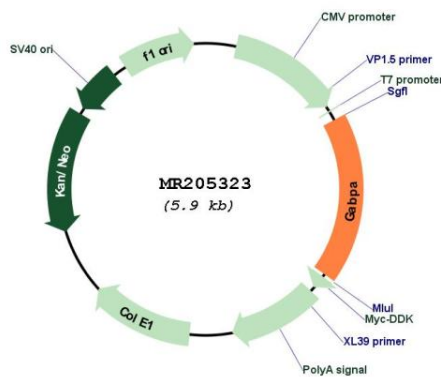
Locus ID: 14390

Cytogenetics: 16 46.92 cM

MW: 156.4 kDa

Gene Summary: Transcription factor capable of interacting with purine rich repeats (GA repeats).
[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR205323