

Product datasheet for **MR216369**

Gabrq (NM_020488) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gabrq (NM_020488) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gabrq
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>MR216369 representing NM_020488
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

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GTTTACTGTTTATACCATGTCTAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
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Protein Sequence: >MR216369 representing NM_020488
Red=Cloning site Green=Tags(s)

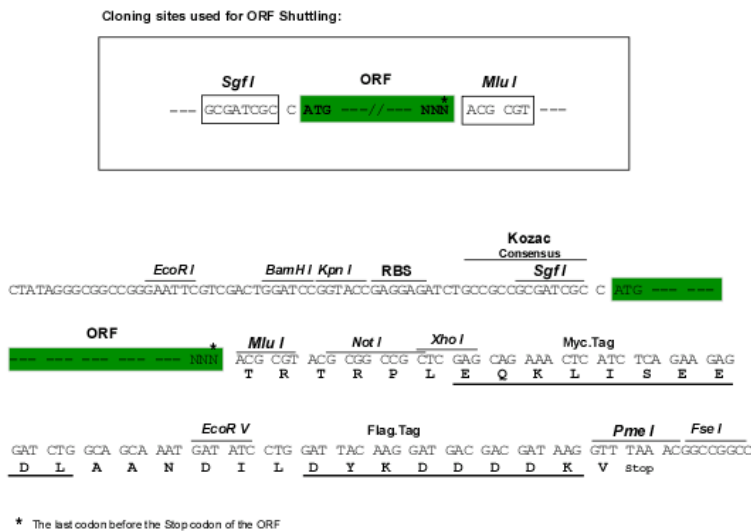
MGIRGMLRAAALLLLIRTWLAESNGPSPTPKFHFELSSSTPEVILDLFNCKNCANEAVVQKILDRVLSTY
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 PDCYFVNSKDAFVHDVTVENRVFQLHPDGTVRYGIRLTTAACSLDLQKFPMDKQSKLEVESYGYTVED
 IVLWEDDNIHIIDGLHIPQYTYLGRITTSKEVYFYTGSMRLIVKFQVQREVRSYLVQVYWPVLTII
 LSWISFWMNYDSSAARVTIGLTSILVLTIDSHMRDKLPHISCIKAIDIYILVCLFFVFLSLEYVYINY
 LFFSQVPRRNHRRCRKPRRVARYRYQEVVAVNVQDGLINVEDRVEDRAGPLPDSMPQAHLASQESLGS
 VFTSEQAQLATSESLSLSSASSQTLATGESLSDLPSTSEQTVPECTIHFHGFLTNSIIPIKIHSRSD
 ACDDDESEESLSEESHGSSHTGRLKQISQRCVQEAUSDLDKIEILQDDISITSSWGLDEQCKGDA
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 VYWLYHVY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9014_c08.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_020488

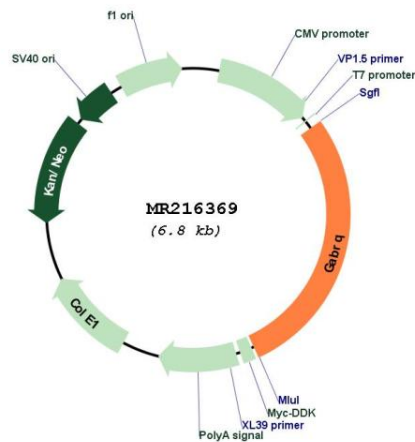
ORF Size: 1914 bp

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_020488.2 , NP_065234.1
RefSeq Size:	2000 bp
RefSeq ORF:	1917 bp
Locus ID:	57249
UniProt ID:	Q9JLF1
Cytogenetics:	X A7.3
MW:	73.2 kDa
Gene Summary:	GABA, the major inhibitory neurotransmitter in the vertebrate brain, mediates neuronal inhibition by binding to the GABA/benzodiazepine receptor and opening an integral chloride channel.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR216369