

## Product datasheet for **MR200511**

### Gabarap (NM\_019749) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Gabarap (NM\_019749) Mouse Tagged ORF Clone  
Tag: Myc-DDK  
Symbol: Gabarap  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
ORF Nucleotide Sequence: >MR200511 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGTTCGTGTACAAAGAGGAGCATCCGTTTCGAGAAACGCCGCTCTGAGGGCGAGAAAATCCGAAAGA  
AATACCCAGACCGGGTCCCGGTGATAGTGGAAAAAGCCCCAAAGCTCGGATAGGAGACCTGGACAAAA  
GAAATACCTGGTGCCTTCTGATCTTACAGTTGGTCAATTCTACTTCTTGATCCGGAAGCGAATTCATCTC  
CGTGCTGAAGATGCCTTGTCTTTCTTTGTCAACAATGTCATTCCACCCACCGAGTCCACGATGGGTCAGC  
TGTACCAGGAACACCATGAAGAAGACTTCTTTCTATACATTGCCTACAGTGATGAAAGCGTCTATGGTCT  
G

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200511 protein sequence  
Red=Cloning site Green=Tags(s)

MKFVYKEEHPFEKRRSEGEKIRKKYPDRVPVIVEKAPKARIGDLDKKKYLVPSDLTVGQFYFLIRKRIHL  
RAEDALFFVNNVIPPTSATMGQLYQEHHEEDFFLYIAYSDESIVYGL

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

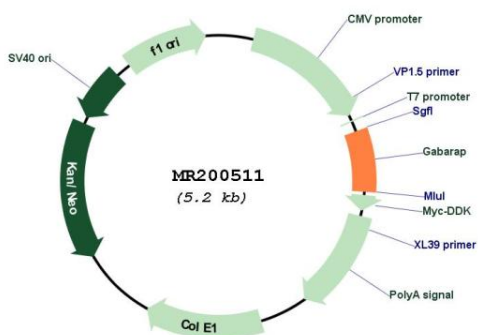


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Locus ID:	56486
UniProt ID:	<a href="#">Q9DCD6</a>
Cytogenetics:	11 42.95 cM
MW:	13.9 kDa
Gene Summary:	Ubiquitin-like modifier that plays a role in intracellular transport of GABA(A) receptors and its interaction with the cytoskeleton. Involved in apoptosis. Involved in autophagy. Whereas LC3s are involved in elongation of the phagophore membrane, the GABARAP/GATE-16 subfamily is essential for a later stage in autophagosome maturation (By similarity).[UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for MR200511