

Product datasheet for MR200508

Gabarapl1 (NM_020590) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gabarapl1 (NM_020590) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Gabarapl1
Synonyms: 3110025G09Rik; 9130422N19Rik; AI196471; Apg8l; Atg8l; GECI; MNCb-0091
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200508 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAAGTTCAGTATAAGGAGGACCACCCCTTCGAGTATCGGAAAAAGGAAGGTGAAAAGATTAGGAAGA
 AATACCCGGACCGGTGCCGGTCATCGTGGAGAAGGCTCTAAAGCCAGGGTCCCTGATCTGGATAAGAG
 GAAGCACCTTGTCCCTCCGACCTCACTGTTGGCCAGTTCTACTTCTTAATCCGGAAGAGGATCCACCTG
 AGACCTGAGGACGCTTATTCTTTGTCAACAACACCATCCCTCCCACAGTGCTACCATGGCCAGC
 TGTATGAGGACAACCACGAGGAAGACTATTTTCTGTATGTGGCTACAGTGATGAAAGTGTCTATGGAAA
 A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200508 protein sequence
 Red=Cloning site Green=Tags(s)
 MKFQYKEDHPFEYRKKEGEKIRKKYPDRVPVIVEKAPKARVPDLDRKHLVPSDLTVGQFYFLIRKRIHL
 RPEDALFFVNNIPPTSATMGQLYEDNHEEDYFLYVAYSDESIVYVK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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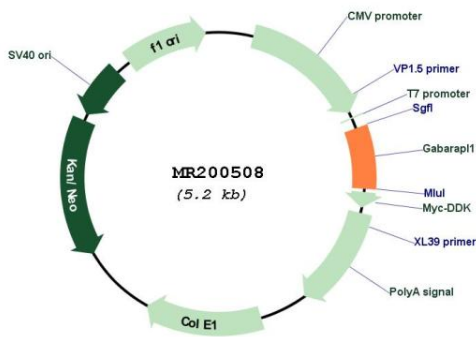
UniProt ID: Q8R3R8

Cytogenetics: 6 F3

MW: 14 kDa

Gene Summary: Ubiquitin-like modifier that increases cell-surface expression of kappa-type opioid receptor through facilitating anterograde intracellular trafficking of the receptor. Involved in formation of autophagosomal vacuoles. 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 MR200508