

Product datasheet for **MC200203**

Gabarap (NM_019749) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gabarap (NM_019749) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gabarap
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC002126 sequence for NM_019749 GCTCCGCCAAGTCTGTTTCGTGCGAAGCCGCCTCCGCCGCCGCCCTGTCCCGGCCCCCTGGGTTCC CTCAGCCAGCTCGGTCCAGCCCGTTCTCGGGAGAATGAAGTTCGTGTACAAAGAGGAGCATCCGTTCC AGAAGCGCCGCTCTGAGGGCGAGAAAATCCGAAAAGAAATACCCAGACCGGGTCCCGGTGATAGTGGAAAA AGCCCCAAAGCTCGGATAGGAGACCTGGACAAAAGAAATACCTGGTGCCTTCTGATCTTACAGTTGGT CAATTCTACTTCTTGATCCGGAAGCGAATTCATCTCCGTGCTGAAGATGCCTTGTCTTTCTTTGTCAACA ATGTCATTCCACCACCAGTGCCACGATGGGTCAGCTGTACCAGGAACACCATGAAGAAGACTTCTTTCT ATACATTGCCTACAGTGATGAAAGCGTCTATGGTCTGTGAAGCTGCTGTACCTGAGGTGGGGGTTCCAT TCTACGAAGAGAGGTGGCGCTCCTTCTTGACATCCAGTTCCTCCTTCAGGCTCAAACACCACCTCCTTT CTTCAGGACCTGCACTTAATGTTTGAGGCTGTCTCTCCAGTCCCTCTCAGCAGGAGGGTAAATGGTAGAT ACAGCCTCCATACATCTTTCTCCCTTGTTTACCCTCCATTCCACTCTGATTTAGACTTCTTGATTG TCGATCTCTGTACATCCGATGATTGTTTTGGTTTCTATTCCCTTCTAACTGCCATCGGGCTCAGAAC CCCAATAATCCCTTCTTCACTATCTTTTGGGGGTAGGTGGAAGGATTGACATTGGATGGGGG AGGTAGGAGGCACATCAATAAAAAGGAAACCACCGAGCTGAATTGAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_019749
Insert Size:	354 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
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).



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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: [BC002126](#), [AAH02126](#)

RefSeq Size: 924 bp

RefSeq ORF: 354 bp

Locus ID: 56486

UniProt ID: [Q9DCD6](#)

Cytogenetics: 11 42.95 cM

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]