

Product datasheet for MC201120

Gna11 (NM_010301) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gna11 (NM_010301) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gna11
Synonyms: Dsk7; E430025L19
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC011169 sequence for NM_010301
GCGGCGGGCTGCGCTGCACGGCGGGACGGCTCTGGGGCCGGCGTGGCCTTCGGGGA
ACCGGGAAGAGGTAGGGCCGGCCGGCGGACGCCGAGGACCGGACGATGACTCTGGAGA
ACTTGTGCGTGTGCGTGCAGGAGGTGAAGGAGTCGAAGCGCATCAACGCGGAGATCGA
GAAACAGCTGCGCGGGACAAGCGCGACGCCCGCGGAGCTCAAGCTGCTGCTACTTGGC
ACTGGCGAGAGCGGGAAGAGTACCTTCATCAAGCAGATGCGCATCATCCACGGGGCCG
GCTACTCGGAGGAGACAAGCGCGGCTTACCAAGTTGGTGTACCAGAACATCTTTACC
GCCATGCAGGCCATGGTGCGGCCATGGCGACGCTCAAGATCCTCAAGTATGAGCAGA
ACAAGGCCAATGCACTCCTGATCCGGGAGGTCGACTTGGAGAAGGTCACAACCTTT
GAGCACCAGTATGTGAATGCCATCAAGACGCTGTGGAGTGACCCTGGTGTCCAGGAG
TGTACGATCGAAGCCTGAGTTCCAGCTATCTGACTCGGCTAAGTACTACTTGACGGAC
GTGGACCGCATCGCCACAGTAGGCTACCTGCCACCCAGCAGGATGTGCTGCGGGTAC
GCGTGCCACCCTGGCATCATCGAGTACCCGTTGACCTGGAGAACATCATCTTCAGGAT
GGTGGATGTGGGCGGCAGAGGTCAGAGCGCAGGAAGTGGATCCATTGCTTTGAGA
ACGTGACTTCCATCATGTTCTTGGTGGCACTAAGCGAGTATGACCAAGTCCCTGGT
GGAATGTCAGACAATGAGAACCAGCATGGAGGAGAGCAAGGCCCTGTTCCGCACAAT
CATCACCTACCCCTGGTTCAGAACTCGTCTGTCAATCTCTTCTCAACAAGAAGGAC
TTCTAGAAGACAAGTCCCTGCACTCACCTGGTTCGATTACTTCCCTGAGTTTGTG
TTCGAGCTGTGAAGGACACCATCCTGCAGCTGAACCTGAAGGAGTACAACCTGGT
GTGACCGCGCATGGCTGCCACCAGGGCCAGCTTCTCCGCATCCGGTCACCCAAAC
CCGAGGGACCTGGGCACACGGGGCTGGGGCACATCTCTTCCGCTCACTTCTCCTG
TCCCTGTCCCTTCTCCTCAAGGTCAGAGTGGCCTCATTTTCGGCCTTGACTCAAT
GTGGCTTGAGGTTTTTTTTTTTCTTAGAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_010301
Insert Size: 1080 bp



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OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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](#)

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: [BC011169](#), [AAH11169](#)

RefSeq Size: 1399 bp

RefSeq ORF: 1080 bp

Locus ID: 14672

UniProt ID: [P21278](#)

Cytogenetics: 10 39.72 cM

Gene Summary: Guanine nucleotide-binding proteins (G proteins) are involved as modulators or transducers in various transmembrane signaling systems. Acts as an activator of phospholipase C. [UniProtKB/Swiss-Prot Function]