

Product datasheet for **MC214358**

Gimap5 (NM_175035) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gimap5 (NM_175035) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gimap5
Synonyms: D630024P16; E230026N22Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC214358 representing NM_175035
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAACACCTTCAGAAGAGCACATATGGAACATAGTTC AAGGACCAGAAGCCCACTGTGTACAAGAAT
CTAGCTGCCTGAGGATCCTCCTGGTGGCAAATCTGGCTGCGGTAAAAGCGCCACAGGGAACAGC
ATCCTCCGACGACCAGCATTCCAGTCCAGGCTCAGAGGCCAGTCTGTGACCAGGACCAGCCAGGCAGAGACAGGC
ACATGGGAGGGGAGGAGCATCCTAGTGGTAGACACACCCCCATCTTTGAGTCAAAGGCCAGAACCAAG
ACATGGACAAGGACATCGGAGACTGCTACCTGCTGTGTGCCCCAGGACCCCATGTGTTGTTACTGGTGAC
CCAGCTGGGACGCTTACAGCTGAAGATGCCATGGCTGTGAGGATGGTGAAGGAGGTCTTTGGGGTAGGG
GTCATGAGGCACATGATCGTCCTCTTACCCCGAAGGAAGACCTGGAAGAGAAGTCTTGGAAAGAGTTTG
TGACCCCACTGACAACCGCAGCCTGCGCAGCCTGACTCAGGAGTGTGGGAGGAGTACTGTGCCTTCAA
CAACAGGGCCTCTGGGGAGGAGCAGCAGGGCAGCTGGCAGAGCTCATGGCCCTGGTGGAGGAGCTGGAA
CAGGAGTGTGAGGGCTCCTTCCACAGCAATGACCTCTTCTTTCATGCTGAGGCACTCCTTAGAAGGTT
ACAGTGTGCACCAGGAAGCCTATAGGTGTACCTGGCCAAGGTGAGGCAGGAGGTGAGAAGCAGAGGCG
GGAGCTGGAGGAGCAGGAGGGCAGCTGGATAGCTAAAATGATTTGCACAGTCAAGTCTGCTGGAGCTCC
CACACTGCAGCATGTGCTCTTATTGTGCTTGGTTGACTCTTCTCACCCTTTCATTAACCTGTGTA
TTAGCAGGTGTAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_175035
Insert Size: 927 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: [NM_175035.5](#), [NP_778200.1](#)

RefSeq Size: 1943 bp

RefSeq ORF: 927 bp

Locus ID: 317757

UniProt ID: [Q8BWF2](#)

Cytogenetics: 6 B2.3

Gene Summary: This gene encodes a protein belonging to the GTP-binding superfamily and to the immuno-associated nucleotide (IAN) subfamily of nucleotide-binding proteins. In humans, the IAN subfamily genes are located in a cluster at 7q36.1. [provided by RefSeq, Jul 2008]