

Product datasheet for **MC200409**

Gimap4 (BC005577) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gimap4 (BC005577) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gimap4
Synonyms: MGC11734, IMAP4, mIAN1
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC005577
CGAAATCAGAGAAGGTCAAAGGACCCAGATTTTCAGGAAGCCGAGCTACAATGGAAGTCCAGTGCGGTGG
TGCGGGGTTTCATCCCAGAAAGTTCAAGGAGCAGCCATGAGCTTGGAAACCAAGATCAAGGAATTCGCCAA
CTGAGAATTGTCTTACTTGAAAAACTGGAGCAGGAAAGAGTTCAACAGGGAACAGTATCCTTGGGGAAA
AAGTGTTAATTCTGGCATTGTGCAAAATCCATCACCAGGTCTGTGAAAAAGGGTGAGCACCTGGGA
TGGGAAAGAGCTTGTGTCGTGGATACACCTGGTATTTTTGACACTGAGGTACCAGATGCTGACACACAA
AGGGAGATCACTCGTATGTTGCCCTGACCTCTCCAGGGCCTCATGCTCTGCTCCTGGTAGTTCCACTGG
GGCGTTACTGTGGAAGAACAAGGCTACACAGAAAATTTGGACATGTTTGGAAAACAGGCTAGAAG
ATTCATGATTCTTTGCTCACCAGGAAGGATGACTTAGAAGACTGATATCCATGAGTACTTAGAGAAG
GCTCCTAAATTTTCAAGAGGTGATGCATGAGTCCAGAATCGCTACTGTTTGTCAACAACAGAGCCT
CAGGCGTGAAAAGGAAGAGCAGAAGATGCAATTGTTGACCTTGGTCCAGAGCATGTTTCTGTCTCCAG
GATGAAGTAATGAAGTAAAGTTTACCAGTATAGTTGTTCAATTGACTTATCGAGACAATGACCAATCTT
CAATTTGTGAAACTCAAAGCTGAACGTATTACTGCCTGCTGCCTTGAGTTCTTCCCTCAAATGAAAACCA
CCCAGGAGGCCACAGAAAATGACTGTAAGATGAACCCATTTCTCCACTGGATTCTCAACAGTAATCTTCA
CCTGCAGCTTCCACACATGATACCCATATTTGGACAACCTGCCTTGATGTTTTATTAGGAAGTTCCAAT
CTTTGCATGAGGTAATCTTTAGTCAGAGATAGATAGCATACAGTTCTCAATGGACATCAGGTTTGTTTAA
TTATATTTTCAAAATGGCATCAAGTTGTTCCCGAGCTGGCCTTTGAAGGCAAGAAGATCTCACAAGTC
AAATAATCCAGGTTGAACACAAGTTAGCAGCTCAGCAGGTGACATCACAATGTTTGTCTGTTCCAGGTGT
CCAACCTTTTACCAGTGTGATCAGTAGTCAGCTCTCTCCTTGAGAAACGATCTGGCTACTGTAGCCAGA
ACCACTACATATCCAATCATGCTGCTTCTGCCCCACCCAGCTCAATTGCTTATTGCTGTTATAATAAAC
TTTTCTGTTGCCCTCACACAAAAA

Restriction Sites: RsrII-NotI
ACCN: BC005577
Insert Size: 660 bp



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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).
Reconstitution Method:	<ol style="list-style-type: none">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:	BC005577 , AAH05577
RefSeq Size:	1364 bp
RefSeq ORF:	660 bp
Locus ID:	107526
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. This gene exists within a cluster of other related genes located on mouse chromosome 6. This family member encodes a lymphoid signaling protein that functions to accelerate programmed T-cell death, which appears to correlate with the phosphorylation status of the protein. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011]