

## Product datasheet for MC226259

### Gimap4 (NM\_001243200) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gimap4 (NM_001243200) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gimap4
Synonyms:	AU019574; E430007K16Rik; I; Ian-1; Ian1; Imap4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC226259 representing NM_001243200 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAAGTCCAGTGCGGTGGTGC GG GTTCATCCAGAAAGTTCAAGGAGCAGCCATGAGCTTGAAACC  
 AAGATCAAGGAATTC C CCACTGAGAATTGTCTTACTTGAAAACTGGAGCAGGAAAGAGTTCAACAGG  
 GAACAAGGTGATGCATGAGTTCAGAATCGCTACTGTTTGTTCACAACAGAGCCTCAGGCGCTGAAAAG  
 GAAGAGCAGAAGATGCAATTGTTGACCTTGGTCCAGAGCATGGTGAGGAAAATGGTGGAAGATGCTTTA  
 CTAATAAGATGTATGAAAGTGCCGAGTGTGTGATCCAGAAAGAGACCTTGAGGATGCAAGAATTATACAG  
 AGAGGAGCTAGAGAGGGAGAAAGCACGGATAAGACGGGAGTATGAAGAACAGATTAAGATCTGAGAGAT  
 GAACTGGAGAGGGAAAATAAGAAGGGCACGTATGGAGAGGGAATTCAAGGAGAGGGAGGCTATCTTTACAA  
 AGAATCAACAAAATGCTAGGAAGGAAGTTGAGAACACAAGTATGATACTTGAATTAATTATAAAGCATG  
 GGAGATTGCTTCCTTTATCTTCAACCAGTTTATGAAAGAC**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001243200
Insert Size:	603 bp


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<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<u><a href="#">NM_001243200.1</a></u> , <u><a href="#">NP_001230129.1</a></u>
<b>RefSeq Size:</b>	1430 bp
<b>RefSeq ORF:</b>	603 bp
<b>Locus ID:</b>	107526
<b>Cytogenetics:</b>	6 B2.3
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (4) lacks an alternate in-frame segment in the central coding region, compared to variant 1, resulting in an isoform (d) that is shorter than isoform a.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>