

Product datasheet for **MC226891**

Gimap1 (NM_008376) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gimap1 (NM_008376) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gimap1
Synonyms: 38kD; i; IA; IAP38; lma; imap; lmap38
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC226891 representing NM_008376
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGGAGGAAGGAAGATGGCAAGAGATGAGGAAGACGCCTATGGCTCAGAGGACTCCAGGGCCCCGAGA
TGCCCCAGCTGAGGCTCATCCTAGTGGCAGGACTGGGACCGCAAGAGTGCCACTGGCAACAGCATCCT
GGGTCAGAAGTGCTTCCGTCCAGGCTGGGGCGGTGCCTGTACCAGAAGTTGCACTTTGGCCAGCAGA
ATGTGGGCCGGCTGGCAGGTGGAGGTGGTGACACCCCGATATCTTCAGCTCCGAGATCCCGCGGACCG
ACCCTGGGTGCGTGGAGACAGCCCGCTGCTTTGTGCTGTGCGCCCTGGGCCGCACGCGCTGCTGCTGGT
CACCCAGCTGGGTGCTTACCATTGCAGGACAGCCAGGCGCTGGCCGCGGTGAAGCGTTATTCGGGAAG
CAGGTGATGGCGCGCACTGTCGTGGTGTTCACGCGCAAGAGGACCTGGCTGGAGACTCCCTGCAGGATT
ATGTGCACTGCACGACAACCGCGCGTGCAGGACCTGGTGGCCGAGTGCAGGGGGCCGCTGTGCGCCCT
CAACAACCGCGCCACAGGACGCGAGCGGAGGCTCAGGCTGAGCAGCTGCTGGGCATGGTTGCGTGTG
GTGAGGGAGCACGGGGCGCGCACTACTCCAATGAGGTGTATGAGCTGGTGCAGGACACGCGGTGCGCTG
ACCCCCAGGACCAAGTAGCCAAGGTGGCAGAGATAGTGGCTGAGCGCATGCAGAGGCGCACCAAGTTGCT
AGCTGGGCTGTGGGATGGCGAAATCTACTGGAAGGGCTGGAGGCGTGGTTTCTGTCTTCTCGGGT
GTGGCCATCTTGATCTACCTGCTTCTACAGAAAGGGCTTTGGGGACCAGAATAACAGAT**AA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_008376
Insert Size: 903 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).
OTI Annotation:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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:	<u>NM_008376.3</u> , <u>NP_032402.2</u>
RefSeq Size:	1505 bp
RefSeq ORF:	903 bp
Locus ID:	16205
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. Sequence analysis identified two alternatively spliced variants that encode the same protein. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (1) is the longer and predominant variant. Both variants encode the same protein.