OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for MC208790

Gimap1 (NM_175860) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gimap1 (NM_175860) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gimap1
Synonyms:	38kD; i; IA; IAP38; Ima; imap; Imap38
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC208790 representing NM_175860
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGGAGGAAGGAAGATGGCAAGAGATGAGGAAGACGCCTATGGCTCAGAGGACTCCAGGGCCCCGCAGA
TGCCCCAGCTGAGGCTCATCCTAGTGGGCAGGACTGGGACCGGCAAGAGTGCCACTGGCAACAGCATCCT
GGGTCAGAAGTGCTTCCTGTCCAGGCTGGGGGCGGTGCCTGTCACCAGAAGTTGCACTTTGGCCAGCAGA
ATGTGGGCCGGCTGGCAGGTGGAGGTGGTGGACACCCCGGATATCTTCAGCTCCGAGATCCCGCGGACCG
ACCCTGGGTGCGTGGAGACAGCCCGCTGCTTTGTGCTGTCGGCCCCTGGGCCGCACGCGCTGCTGCTGGT
CACCCAGCTGGGTCGCTTCACCATGCAGGACAGCCAGGCGCTGGCCGCGGTGAAGCGGTTATTCGGGAAG
CAGGTGATGGCGCGCACTGTCGTGGTGTTCACGCGCCAAGAGGACCTGGCTGGAGACTCCCTGCAGGATT
ATGTGCACTGCACGGACAACCGCGCGCTGCGGGACCTGGTGGCCGAGTGCGGGGGCCGCGTGTGCGCCCT
CAACAACCGCGCCACAGGCAGCGAGCGCGAGGCTCAGGCTGAGCAGCTGCTGGGCATGGTTGCGTGCTTG
GTGAGGGAGCACGGGGGCGCGCACTACTCCAATGAGGTGTATGAGCTGGTGCAGGACACGCGGTGCGCTG
ACCCCCAGGACCAAGTAGCCAAGGTGGCAGAGATAGTGGCTGAGCGCATGCAGAGGCGCACCAGGTTGCT
AGCTGGGCTGTGGGGATGGCGGAAATTCTACTGGAAGGGCTGGAGGCGTGGTTTCTCTGTCTTCCTGGGT
GTGGCCATCTTGATCTACCTGCTGTTCTACAGAAAGGGCTTTGGGGACCAGAATAACAGATAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:	SgfI-MluI
ACCN:	NM_175860
Insert Size:	903 bp

View online »

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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:	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_175860.2, NP_787056.1
RefSeq Size:	1499 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 (2) uses an alternate splice site in the 5' UTR, compared to variant 1, that results in a shorter transcript. Both variants encode the same protein.

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