

Product datasheet for SC113545

GIMAP4 (NM_018326) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GIMAP4 (NM_018326) Human Untagged Clone
Tag:	Tag Free
Symbol:	GIMAP4
Synonyms:	IAN-1; IAN1; IMAP4; MSTP062
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC113545 sequence for NM_018326 edited (data generated by NextGen Sequencing)

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ATGGCAGCCCAATACGGCAGTATGAGCTTCAACCCAGCACACCAGGGGCCAGTTATGGG
CCTGGAAGGCAAGAGCCAGAAATTCCTCAATTGAGAATTGTGTTAGTGGGTAAAACCGGA
GCAGGAAAAAGTGCAACAGGAAACAGCATCCTTGCCCGGAAAGTGTTCATTCTGGCACT
GCAGCAAATCCATTACCAAGAAGTGTGAGAAACGCAGCAGCTCATGGAAGGAAACAGAA
CTTGTCGTAGTTGACACACCAGGCATTTTCGACACAGAGGTGCCCAATGCTGAAACGTCC
AAGGAGATTATTCGCTGCATTCTTCTGACCTCCCAGGGCCTCATGCTCTGCTTCTGGTG
GTTCCACTGGGCCGTTACTACTGAGGAAGAGCACAAAGCCACAGAGAAGATCCTGAAAATG
TTTGGAGAGAGGGCTAGAAGTTTCATGATTCTCATATTCACCCGAAAGATGACTTAGGT
GACACCAATTTGCATGACTACTTAAGGGAAGCTCCAGAAGACATTCAAGACTTGATGGAC
ATTTTCGGTGACCGCTACTGTGCGTTAAACAACAAGGCAACAGGCGCTGAGCAGGAGGCC
CAGAGGGCACAGTTGCTGGGCCTGATCCAGCGCTGGTGAGGGAGAACAAAGGAAGGCTGC
TACACTAATAGGATGTACCAAAGGGCGGAGGAGGATCCAGAAGCAAACACAAGCAATG
CAAGAACTCCACAGAGTGGAGCTGGAGAGAGAGAAAGCGCGGATAAGAGAGGAGTATGAA
GAGAAAATCAGAAAGCTGGAAGATAAAGTGGAGCAGGAAAAGAGAAAAGCAAAATGGAG
AAGAACTAGCAGAACAGGAGGCTCACTATGCTGTAAGGCAGCAAAGGCCAAGAACGGAA
GTGGAGAGTAAGGATGGGATACTTGAATTAATCATGACAGCGTTACAGATTGCTTCCTTT
ATTTTGTACGTCTGTTTCGCGGAAGATTAA

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Clone variation with respect to NM_018326.2



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_018326 unedited</p> <pre>CGACTTTACTATAGGGCCGCGCAATTCGGCACGAGGCAAGATCCTGATTTTTTCAGGA GTTCAAGCGCAATGGCAGCCCAATACGGCAGTATGAGCTTCAACCCAGCACACCAGGG GCCAGTTATGGGCTGGAAGGCAAGAGCCAGAAATCCCAATTGAGAATTGTGTAGTG GGTAAAACCGGAGCAGGAAAAAGTGCTTCAGGAAACAGCATCCTTGGCCGGAAAGTGTTC CATTCTGGCACTGCAGCAAAATCCATTACCAAGAAGTGTGAGAAACGCAGCAGCTCATGG AAGGAAACAGAACTTGTCTGTAGTTGACACACCAGGCATTTTCGACACAGAGGTGCCCAAT GCTGAAACGTCCAAGGAGATTATTCGCTGCATTCTTCTGACCTCCCAGGGCCTCATGCT CTGCTTCTGGTGGTTCCACTGGGCCGTTACACTGAGGAAGAGCACAAAGCCACAGAGAAG ATCCTGAAAATGTTTGGAGAGAGGGCTAGAAGTTTCATGATTCTCATATTCACCCGGAAA GATGACTTAGGTGACACCAATTTGCATGACTACTTAAGGGAAGCTCCAGAAGACATTCAA GACTTGATGGACATTNTCGGTGACCGCTACTGTGCGTTAAACAACAGGCAACAGGCGCTG AGCAGGAGGCCAGAGGGCACAGTTGCTGGCCTGATCCAGCGCGTGGTGAGGGAGACAA NGAAGGCTGCTCACTATANGATGCCANAGGCGGAGANGAGACCAGAAGCAACACCAGCA TGCAGACTCNCAGAGTGGACTGGAAGAGAGAAGCGCGATAGNAGAGAGTATGAGAGAAAT CAAAAGCTGAAGATAAGTGAGCAGGAAGAGAAGAGCATTGAGAGAACTNNNCAGAGAGC TCCTTGCTGTAGCACAGGGCNAACGAGTAAAAAAGGATGACTGATATCTGACCGTCGA TGTCTTTTGTACCTGTTCTGAAC</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_018326 unedited</p> <pre>CCCCCCCCACAAACAAAANNAACACCCCCCANNTTTTACTTTGNNCNCGGGNC CCGCATTTTANNATCGAGTTTTTTTTTTTTTTTTTTTNGANATAATTGAAAGTTTTATTAT AAACAACATAAGCAAAAAATTCATGCAGTGGGGCAGAAAGTGTGTGGATGACCTGCCAA ACAATAAGTATTCAAAGTGTGAGTGAGGGAGGTGAGGTTGCAACTATCTTCTCTAGAA AAGAAGAGAACTGGGTATTCATCAAATGGTTAAATTGAGGTTTCGCAAAGATTTCTAC AGATACAGCTGAATATACTAAACATTGCTCTATTATCTGTTGAATTGCTGTATTTCACTT TTTCAGCATTTGGGGATCATTATTTAATTGAATTTGTAGAGATCGATTTTCCAGACAGGT CTCTGTTCTTCAATGAACAAATGATAAGAAACAATTTGACTCCTTATATGACAATGGAAT TAAATAAATTGACTCATCTAGGAATAATTCTACAATCATCTCCATCTCTAAGATTACC TACTGCAAAACAAAGAATTGATCTTTCTTCTCAAAAACCACATGGGTAAGATGATCATTG TGACTCTGAATGCAAGAATAAGTGAGTGGAAAGCTACAAGGGGAGATTATCTGCCAACATA GAAAGAACTAGAAAGAAAAGATTTTATTACAGGTAACATGACATAGCTTGGAGCCATCTT TTTGGTCTCTGCATACATTNTCTCTGCATGTCTAAGGAAGAACTCCACAAGTAGCCAGC ACCAATACTTTCTGCTTTGGAGTTTCACAAAATGAAAATTGTCCCTCTCTTGTTAAGTCA ATCAAACATCTACCATGGGCCATGGTGGTCCTTAATTACGAGTGCCTGAGAGACAGAACT AAAGCACTCCACTATGCTAATAAATAATATTGGCCAAGGTTCCAAGATAATTGCA</pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_018326
Insert Size:	2090 bp
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_018326.2](#), [NP_060796.1](#)

RefSeq Size: 1983 bp

RefSeq ORF: 990 bp

Locus ID: 55303

UniProt ID: [Q9NUV9](#)

Cytogenetics: 7q36.1

Domains: AIG1

Gene Summary: This gene encodes a protein belonging to the GTP-binding superfamily and to the immun-associated nucleotide (IAN) subfamily of nucleotide-binding proteins. The encoded protein of this gene may be negatively regulated by T-cell acute lymphocytic leukemia 1 (TAL1). In humans, the IAN subfamily genes are located in a cluster at 7q36.1. [provided by RefSeq, Jul 2008]