

Product datasheet for **SC319902**

GIMAP5 (NM_018384) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GIMAP5 (NM_018384) Human Untagged Clone
Tag:	Tag Free
Symbol:	GIMAP5
Synonyms:	HIMAP3; IAN-5; IAN4; IAN4L1; IAN5; IMAP3; IROD
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_018384.3
GGCACGAGGCTCTCTGCTGCCACTTCACCTTCTGAGAGAGGACCAGCGCCAGAGCCTC
AGTGACTGCCACCCTGGAGGACAGGGCACAACAACCGTTTCTGGAGAGAATGGGAGGATT
CCAGAGGGGCAAATATGGAACATGGCTGAAGGTAGATCAGAAGATAACTTGTCTGCAAC
ACCACCGCATTGAGGATTATCCTAGTGGGCAAAACAGGCTGCGGGAAAAGTGCCACAGG
GAACAGCATCCTTGGCCAGCCCGTGTGGAGTCCAAGCTGAGGGCCAGTCAGTGACCAG
GACGTGCCAGGTGAAAACAGGAACATGGAACGGGAGGAAAGTCCTGGTGGTTGACACGCC
CTCCATCTTTGAGTCACAGGCCGATACCCAAGAGCTGTACAAGAACATCGGGGACTGCTA
CCTGCTCTGCCCCGGGGCCCCACGTCTGCTTCTGGTGATCCAGCTGGGGCGTTTCAC
TGCTCAGGACACAGTGGCCATCAGGAAGGTGAAAGAGGTCTTTGGGACAGGGCCATGAG
ACATGTGGTCATCCTCTTCAACCAAAAGAGGACTTAGGGGGCCAGGCCCTGGATGACTA
TGTAGCAAACACGGACAACCTGCAGCCTGAAAGACCTGGTGCGGGAGTGTGAGAGAAGGTA
CTGTGCCTTCAACAACCTGGGGCTCTGTGGAGGAGCAGAGGCAGCAGCAGGCGAGGCTCCT
GGCTGTGATTGAGAGGCTGGGGAGGGAGCGAGAGGGCTCCTTCCACAGCAATGACCTCTT
CTTGGATGCCAGCTGCTCCAAAGAACTGGAGCTGGGGCTGCCAGGAAGACTACAGGCA
GTACCAGGCCAAAGTGAATGGCAGGTGGAGAAGCACAAGCAAGAGCTGAGGGAGAACGA
GAGTAACTGGGCATACAAGGCGCTCCTCAGAGTCAAACACTTGATGCTTTTGCATTATGA
GATTTTTGTTTTTCTATTGTTGTGCAGCATACTTTTTTTCATTATTTTTCTGTTTCATCTT
TCATTACATTTAAATCTCTGGACCCTGGAGCACTTCTAATGTATCAAAAAAAAAAAAAAAA
AAA

Restriction Sites:	Please inquire
ACCN:	NM_018384



[View online »](#)

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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	NM_018384.3 , NP_060854.2
RefSeq Size:	1861 bp
RefSeq ORF:	924 bp
Locus ID:	55340
UniProt ID:	Q96F15
Cytogenetics:	7q36.1
Protein Families:	Transmembrane
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. This gene encodes an antiapoptotic protein that functions in T-cell survival. Polymorphisms in this gene are associated with systemic lupus erythematosus. Read-through transcription exists between this gene and the neighboring upstream GIMAP1 (GTPase, IMAP family member 1) gene. [provided by RefSeq, Dec 2010]