

Product datasheet for **SC101332**

GIMAP2 (NM_015660) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GIMAP2 (NM_015660) Human Untagged Clone
Tag:	Tag Free
Symbol:	GIMAP2
Synonyms:	HIMAP2; IAN12; IMAP2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC101332 sequence for NM_015660 edited (data generated by NextGen Sequencing)

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ATGGACAAAATGAACACAGTCACTGGGGACCACATGCAAAGGGCCAATGTGCCAGCAGA
TCTGAGCTGAGAATCATCTGGTGGGCAAAACAGGAACTGGCAAAAGTGCTGCAGGGAAC
AGCATCCTCAGGAAGCAAGCATTGAATCGAAGCTGGGTTCCAGACCTTGACTAAGACT
TGCAGCAAAAGTCAGGAAGCTGGGAAAATAGAGAGATCGTCATTATTGACACACCAGAT
ATGTTTTCTTGAAGGACCCTGTGAAGCTCTGTACAAAGAGGTGCAGAGGTGCTACTTG
CTGTCTGCACCAGGACCCCATGTGCTGCTCCTGGTGACTCAGCTGGGCCGCTATACCTCA
CAGGACCAGCAGGCTGCACAGAGGGTGAAGGAGATCTTTGGAGAGGATGCCATGGGACAC
ACAATTGTCTCTTTACCCACAAGGAAGACCTCAATGGTGGCTCCCTGATGGATTACATG
CGCGACTCAGATAACAAAGCCCTAAGCAAGCTGGTGGCAGCATGTGGTGGCGAATCTGT
GCCTTTAATAACCGTGCTGAAGGGAGCAATCAGGATGACCAAGTGAAGGAACTAATGGAC
TGTATTGAGGATCTGTTGATGGAGAAAAATGGTATCACTATAACCAATGGTTGTACAGC
CTAATACAGAGGTCTAAATGTGGACCTGTGGGATCAGATGAAAGAGTAAAGGAATTCAA
CAGAGCCTTATAAAGTACATGGAACTCAAAGAAGTTACACAGCCTTGGCTGAAGCAAAC
TGCCTAAAAGGAGCCTTAATCAAACACAACCTGTGTGTTTTATTTGATTTCAGTTGTTT
CTCAGATTGATAATTCTGTGGCTTTGCATACTGCACAGCATGTGCAATTTGTTTTGTTG
TTACTCTTTAGTATGTGCAATTTATTCTGCAGTTTGCTGTTTATTATACCCAAAAAGTTA
ATGATATTTTTGAGAACAGTTATTAGACTAGAACGCAAGACTCCTAGGTTATAG
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Clone variation with respect to NM_015660.2
219 t=>c;482 a=>g



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_015660 unedited TGCACATTTGTATACGACTCATATAGGCGGCCGCGAAATTCGCACCAGCAGGAACTGNAACAGGGNAGCCAACTGTTTCTTTGAAACAGTAAATCAGGAACACCAATGGACCAAAATGAACACAGTCACTGGGGACCACATGCAAAGGGCCAATGTGCCAGCAGATCTGAGCTGAGAATCATCTCTGGTGGGCAAAACAGGAACTGGCAAAGTCTGCAGGGAACAGCATCCTCAGGAAGCAAGCATTGAAATCGAAGCTGGGTTCCAGACCTTGACTAAGACTTGCAGCAAAAGTCAGGGAAGCTGGGAAATAGAGAGATCGTCATTATTGACACACCAGATATGTTTTCTTGAAGACCAGTGTGAAGCTCTGTACAAAGAGGTGCAGAGGTGCTACTTGCTGTCTGCACCAGGACCCCATGTGCTGCTCTGGTGACTCAGCTGGGCCGCTATACCTCACAGGACCAGCAGGCTGCACAGAGGTGAAGGAGATCTTTGGAGAGGATGCCATGGGACACACAATTGCCTCTTTACCCACAAGGAAGACCTCAATGGTGGCTCCCTGATGGATTACATGCGCGACTCAGATAACAAGCCCTAAGCAAGCTGGTGGCAGCATGTGGTGGGCGAATCTGTGCCTTAATAACCGTCTGAAGGGAGCAATCAGGATGACCAAGTGAAGGAACTAATGGACTGTATTGAGGATCTGTGATGGAGAAAAATGGTATCACTATACCAATGGGTTGTACAGCCTAATACCAGAGTCTAATGTGGACTGTGGGATCAGATGAAAGAGTAAAGGAATTCAACAGAGCCCTATTAAGTACATGGAAACTCAAAGAAGTTTCACAGCCTTGCTGAAGCAACTGGCTAAAGGAGCCTTAATCAACACAACCTGGNGTTNATTTTGTATCCAGTGTTCTCAGATGATAATCTGTGTTT
Restriction Sites:	NotI-NotI
ACCN:	NM_015660
Insert Size:	1500 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:	<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_015660.2 , NP_056475.1
RefSeq Size:	1523 bp
RefSeq ORF:	1014 bp
Locus ID:	26157
UniProt ID:	Q9UG22
Cytogenetics:	7q36.1
Protein Families:	Transmembrane

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. In humans, the IAN subfamily genes are located in a cluster at 7q36.1. [provided by RefSeq, Jul 2008]