

Product datasheet for **SC310646**

IMMP2L (NM_032549) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: IMMP2L (NM_032549) Human Untagged Clone
Tag: Tag Free
Symbol: IMMP2L
Synonyms: IMMP2L-IT1; IMP2; IMP2-LIKE
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC310646 representing NM_032549.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCACAGTCACAAGGGTGGGTGAAAAGATACATCAAGGCCTTTTGTAAAGCCTCTTTGTGGCGGTG
CCTGTGGCAGTGACTTTCTGGATCGGGTCGCCTGTGTGGCAAGAGTAGAAGGAGCATCGATGCAGCCT
TCTTTGAATCCTGGGGGAGCCAGTCATCTGATGTGGTCTTTTGAACCACTGGAAAGTGAGGAATTTT
GAAGTACACCGTGGTGACATTGTATCATTGGTGTCTCCTAAAAACCCAGAACAGAAAGATCATTAAAGAGA
GTGATTGCTCTTGAAGGAGATATTGTGAGAACCATAGGACACAAAACCGGTATGTCAAAGTCCCCCGT
GGTCACATCTGGGTTGAAGGTGATCATCATGGACACAGTTTTGACAGTAATTCTTTGGCCGGTTTCC
CTAGGACTTCTGCATGCCATGCCACACATATCCTGTGGCCCCAGAGCGCTGGCAGAAATTGGAATCT
GTTCTTCTCCAGAGCGCTTACCAGTACAGAGAGAAGAGGAATGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: Sgfl-Mlul
ACCN: NM_032549
Insert Size: 528 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).



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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_032549.3
RefSeq Size:	1539 bp
RefSeq ORF:	528 bp
Locus ID:	83943
UniProt ID:	Q96T52
Cytogenetics:	7q31.1
Domains:	Peptidase_S26
Protein Families:	Druggable Genome, Protease
MW:	19.7 kDa
Gene Summary:	<p>This gene encodes a protein involved in processing the signal peptide sequences used to direct mitochondrial proteins to the mitochondria. The encoded protein resides in the mitochondria and is one of the necessary proteins for the catalytic activity of the mitochondrial inner membrane peptidase (IMP) complex. Two variants that encode the same protein have been described for this gene. [provided by RefSeq, Sep 2011]</p> <p>Transcript Variant: This variant (1), as well as variants 2-4, encodes isoform a.</p>