

Product datasheet for **RG215438**

IMMP2L (NM_032549) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: IMMP2L (NM_032549) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: IMMP2L
Synonyms: IMMP2L-IT1; IMP2; IMP2-LIKE
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG215438 representing NM_032549
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCACAGTCACAAGGGTGGGTGAAAAGATACATCAAGGCCTTTTGTAAAGGCTTCTTTGTGGCGGTGC
 CTGTGGCAGTGACTTTCTGGATCGGGTCGCCTGTGTGGCAAGAGTAGAAGGAGCATCGATGCAGCCTTC
 TTTGAATCCTGGGGGAGCCAGTCATCTGATGTGGTGCTTTTGAACCACTGGAAAGTGAGGAATTTTGA
 GTACACCGTGGTACATTGTATCATTGGTGTCTCCTAAAAACCCAGAACAGAAGATCATTAAAGAGAGTGA
 TTGCTCTTGAAGGAGATATTGTCAGAACCATAGGACACAAAAACCGGTATGTCAAAGTCCCCGTGGTCA
 CATCTGGGTTGAAGGTGATCATCATGGACACAGTTTTGACAGTAATTCTTTGGGCCGGTTCCCTAGGA
 CTCTGATGCCATGCCACACATATCCTGTGGCCCCAGAGCGCTGGCAGAAATTGGAATCTGTTCTTC
 CTCCAGAGCGCTTACCAGTACAGAGAGAAGAGGAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG215438 representing NM_032549
 Red=Cloning site Green=Tags(s)

MAQSQGWKRYIKAFCKGFFVAVPVAVTFLDRVACVARVEGASMQPSLNPGGSSQSDVLLNHWKVRNFE
 VHRGDIVSLVSPKNPEQKIIKRVIALEGDIVRTIGHKNRYVKVPRGHIWVEGDHGHGFSFNSFGPVS LG
 LLHAHATHILWPPERWQKLESVLPPELPPVQREEE

TRTRPLE - GFP Tag - V

Chromatograms: https://cdn.origene.com/chromatograms/ja3671_e08.zip



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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_032549.4](#)

RefSeq Size: 1540 bp

RefSeq ORF: 528 bp

Locus ID: 83943

UniProt ID: [Q96T52](#)

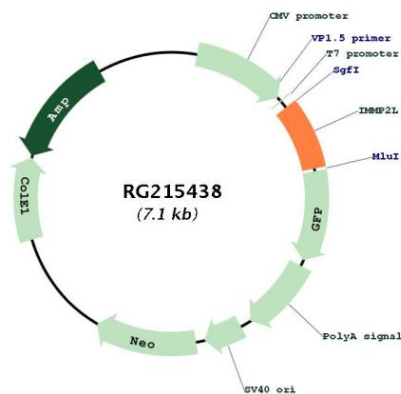
Cytogenetics: 7q31.1

Domains: Peptidase_S26

Protein Families: Druggable Genome, Protease

Gene Summary: 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]

Product images:



Circular map for RG215438