

Product datasheet for SC310652

IMMP1L (NM_144981) Human Untagged Clone

Product data:

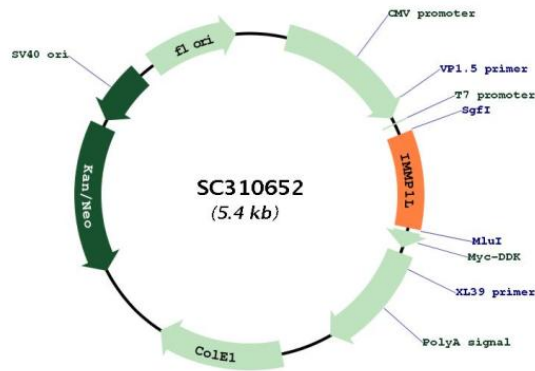
Product Type:	Expression Plasmids
Product Name:	IMMP1L (NM_144981) Human Untagged Clone
Tag:	Tag Free
Symbol:	IMMP1L
Synonyms:	IMMP1; IMP1; IMP1-LIKE
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310652 representing NM_144981. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTTCGTGGTGTCTGGGAAAACCTTCGACTTGTGGCTATACTATTCAATATGGCTGTATAGCT
CATTGTGCTTTTGAATACGTTGGTGGTGTGTCATGTGTTCTGGACCATCAATGGAGCCTACAATTCAA
AATTCAGATATTGTCTTTCAGAAAATCTTAGTCGACATTTTTATGGTATCCAAAGAGGTGACATTGTG
ATTGCAAAAAGCCCAAGTATCCAAAATCAAATATTTGAAAAGAGTAATTGGTTTGAAGGAGACAAA
ATCCTCACCAGTCCATCAGATTTCTTTAAAAGCCATAGTTATGTGCCAATGGGTGATGTTGGTTA
GAAGGTGACAATCTACAGAATTCTACAGATTCCAGGTGCTATGGACCTATTCCATATGGACTAATAAGA
GGACGAATCTTCTTAAGATTTGGCCTCTGAGTGATTTTGGATTTTACGTGCCAGCCCTAATGGCCAC
AGATTTTCTGATGATTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC
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Restriction Sites: Sgfl-Mlul



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Plasmid Map:


ACCN:	NM_144981
Insert Size:	501 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).
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:

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_144981.2](#)

RefSeq Size: 821 bp

RefSeq ORF: 501 bp

Locus ID: 196294

UniProt ID: [Q96LU5](#)

Cytogenetics: 11p13

Domains: Peptidase_S26

Protein Families: Protease

MW: 18.5 kDa

Gene Summary: The mitochondrial inner membrane peptidase (IMP) complex generates mature, active proteins in the mitochondrial intermembrane space by proteolytically removing the mitochondrial targeting presequence of nuclear-encoded proteins. IMP1 and IMP2 (IMMP2L; MIM 605977) are the catalytic subunits of the IMP complex (Burri et al., 2005 [PubMed 15814844]).[supplied by OMIM, Sep 2008]
Transcript Variant: This variant (1) represents the longer transcript. Both variants 1 and 2 encode the same protein.