

Product datasheet for **SC123346**

IMP5 (SPPL2C) (NM_175882) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IMP5 (SPPL2C) (NM_175882) Human Untagged Clone
Tag:	Tag Free
Symbol:	IMP5
Synonyms:	IMP5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_175882 edited
AGCGGAGTGGAACTGAAGAAGATGGCGTGCCTGGGCTTCTCCTCCCCGTGGGCTTCT
CCTCCTCATCAGCACCGTGGCCGGGGAAAGTACGGCGTGGCCACGTGGTGTGGAGAA
TTGGAGCAAGGACTACTGTATCCTGTTCCAGCTCCGACTACATCACCTCCCCGGGACCT
GCACCACGCCCACTCCTGCCCTGTATGATGGACCAAGGCACCCTGGTGGCCGGGTGA
GGATCCCCCACCAGGCCAGCTCCGCTCCCCCAGCCAGCGGCCCTCCGCCAGACCAC
TGCCATGGTCATGAGGGTAACATGCAGCTTCCACACGAAAGGCTGGCTGGCTCAGGGCCA
AGGTGCCACGGGCTGCTCATCGTGAGCCGGGTACGTGACCAACAGTGCTCAGACACCAC
CCTGGCACCCAGGATCCCCGCCAGCCCCTGGCAGACCTCACCATCCTGTGGCTATGCT
CCTACTATGCTGACATGCTGGACATCCTCAGCCACACTCGTGGGAGGCCGTGTCGCCGT
GGCCATGTACGCACCCCAAGAGCCATCATCGACTACAACATGCTGGTCACTTTCATCCT
GGCTGTGGGCACAGTGGCTGCAGGCGGCTACTGGGCCGGCCTGACCGAAGCCAACCGGCT
ACAGCGGCCCGTGGCCGAAGAGGAGGGGGGTCTGGTGGTCACCATCAGCTGCAGGAAGC
TGCAGCAGCTGAGGGAGCCAGAAGGAAGATAATGAGGACATCCCAGTGGACTTCAGGCC
GGCCATGACAGGGGTGGTGGTCACCCTGCTCCTGCTCGCTCATGCTGCTGCTACTTCTT
CTATGACCACTTTGTCTATGTCACCATTGGGATCTTTGGCCTGGGTGCTGGCATTGGCCT
CTACAGCTGCCTGTCACCCTGGTGTGCCACCTGTCCCTGCGGCAATACCAGAGGCCCTCC
GCACAGCCTCTGGGCCTCTCTGCCGCTGCCTCTGCTGCTGCTGGCGAGCCTGTGGCAAC
CGTGATCATCTTCTGGGTGGCCTACCGCAATGAGGACCGTGGGCGTGGCTCCTGCAGGA
CACACTGGGCATTTCTACTGCCTGTTCTGCTGCACCGTGTGGCGTGGCCACTCTCAA
GAACTGCTCCTCCTTCTGCTGGCCCTGCTGGCCTTTGATGTCTTCTTTGCTTTCGTAC
CCCCTTCTCACAAAACCGGTGAGAGCATCATGGCGCAGGTTGCCTTGGGCCCTGCAGA
GTCTTCAAGCCATGAGAGGCTGCCATGGTACTCAAAGTCCCCGGCTAAGAGTCTCCGC
CTTGACCCTGTGCAGCCAGCCCTTCTCCATCCTTGGCTTCGGTGACATTGTGGTCCCCGG
CTTCTGTTGCTTACTGTTGCCCTTTGATGTGCAAGTCTGCTCCCGTCAGATCTACTT
CGTGGCCTGCACCGTGGCCTATGCTGTGGGCTGCTGGTACATTATGGCCATGGTCTCT
CATGCAGATGGGCCAACCTGCCTTGCTCTACCTAGTGTCCAGCACCTGCTCACCAGCCT
GGCTGTGGCTGCCTGCCCAAGAGCTCAGCCTTCTGACTGGCCAGGGCAGAGCTAA
GATGTGTGGGCTCGGCTGTGCCCTTCGGCTGGCTCTAGGCAGAAGCAGGAGGGCGCAGC
AGATGCCACACAGCCAGCACACTTGAGAGAGGCACCAGCCGAGGAGCAGGGACTTAGA
CAGCAACCCTGGAGAAGACCACTGAGATTGTCACCATATCTGAGAATGAAGCCACCAA
TCCAGAGGACCGCAGTGATAGCTCCGAGGCTGGAGTGACGCCCACTTGGATCCTAATGA
GCTGCCCTTCATCCCCCTGGGGCTCGGAGGAGCTGGTGCCACTGATGCCAATGGCCAT
GCTGATCCCACTCATGCCCTGATGCCCCCGCCCTCAGAGCTGGGCCATGTCCATGCCCA
GGCCCAGGCCACGAGACTGGCCTGCCCTGGGCGGGACTCCACAAGAGGAAGGGTTTGAA
AGTAAGAAAGAGCATGTCGACCCAGGCTCCCTTGTGAAGTGGAGGCACTGGGACACACGC
CTCTCAAAGGGCTGGTGGAACTTGCAGAGCAAAGCCATGCATGGCAACAAGAAATCAGG
GCATCAAAGAGATTTTATATCTACCCAAAAAAAAAAAAAAAAAAAA
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_175882 unedited TTTTTATTTTGTAAACGACTTCCTATAGGGCGGCCGATAAATTTCGTATAGCATACATT ATACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTCGAGAGCGGAGTGGG AACTGAAGAAGATGGCGTGCCTGGGCTTCTCCTCCCCGTGGGCTTCTCCTCCTCATCA GCACCGTGGCCGGGGAAAGTACGGCGTGGCCACGTGGTGTCCGAGAATTGGAGCAAGG ACTACTGTATCCTGTTTCAGCTCCGACTACATCACCTCCCCGGGACCTGCACCACGCCC CACTCCTGCCCTGTATGATGGCACCAAGGCACCCTGGTGCCCGGGTGAGGATTCCCCC ACCAGGCCAGCTCCGCTCCCCAGCCAGCGGCCCTCCGCCAGACCCTGCCATGGTCA TGAGGGGTAACGACTTCCACACGAAAGGCTGGCTGGCTCAGGGCAAAGGTGCCACG GGCTGCTCATCGTGGCCGGGTGAGTACCAACAGTGGTCCAGACACCACCTGGCACCCC AGGATCCCCGCCAGCCCCTGGCAGACCTCACCATCCCTGTGGCTATGCTCCACTATGCTG ACATGCTGGACATCCTCAGCCACACTCGTGGGAGGCCGTGTCGCCGTGGCCATGTACG CACCCNCAGGCCATCATCGACTACAACATGCTGGTTCATCTTCATCCTGGCTGTGGCA CAGTGGCTGCAGGCGGCTACTGGCCGGCCTGACCGAAGCAACCGGCTACAGCGGCC GTCCCCGATGAGATGGGGTCTGGTGGTACCATCAGCTGCAGGAAGCTGCAGCAGCTG AGGGAGCCANNAGGATGATATGAGACATCCAGTGGACTTCACGCCGGCATGACAGGCGT GGTGGTACCCTGTCTGCTCGCTCATGCTGCTCTAA
Restriction Sites:	Please inquire
ACCN:	NM_175882
Insert Size:	2202 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_175882.1 , NP_787078.1
RefSeq Size:	2055 bp
RefSeq ORF:	2055 bp
Locus ID:	162540
UniProt ID:	Q8IUH8
Cytogenetics:	17q21.31
Protein Families:	Transmembrane

Gene Summary:

Intramembrane-cleaving aspartic protease (I-CLiP) that may be able to cleave type II membrane signal peptides in the hydrophobic plane of the membrane.[UniProtKB/Swiss-Prot Function]