

Product datasheet for **SC100079**

MAPK1IP1L (NM_144578) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAPK1IP1L (NM_144578) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAPK1IP1L
Synonyms:	C14orf32; c14_5346; MISS
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100079 sequence for NM_144578 edited (data generated by NextGen Sequencing)

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ATGTCTGATGAATTTTCGTTGGCAGATGCACTACCTGAACACTCCCCTGCCAAAACCTCT
GCTGTGAGCAATACAAAACCTGGCCAACCTCCTCAAGGCTGGCCAGGCTCCAACCCTTGG
AATAATCCGAGTGCTCCATCTTCAGTGCCATCTGGACTCCCACCAAGTGCAACACCTCC
ACTGTGCCTTTTGGACCAGCACCAACAGGAATGTATCCCTCCGTGCCTCCCACCGGACCA
CCTCCAGGACCCCGAGCACCTTTCTCCTTCCGGACCATCATGTCCCCACCTGGTGGT
CCTTATCCAGCCCCAACTGTGCCGGGCCCTGGCCCCACAGGGCCATATCCTACACCAAAT
ATGCCCTTTCCAGAGCTACCCAGACCATATGGTGCACCCACAGATCCAGCTGCAGCTGGT
CCTTTAGTCCATGGGGATCCATGTCTTCTGGACCTTGGGCGCCAGGAATGGGAGGGCAG
TATCCTACCCCTAATATGCCATATTCATCTCCAGGCCATATCCCGCTCCTCCTCCTCCC
CAAGCCCCTGGGGCAGCACCCACTGTTCCATGGGGCACCGTTCCACCAGGAGCCTGGGGA
CCACCAGACCATATCCTGCCCTACAGGATCGTATCCCACACCAGGACTCTATCCTACT
CCCAGTAATCCTTTCCAAGTGCCTTCAGGACCTTCTGGTGTCCACCAATGCCTGGTGGC
CCCCATTCTTACCATTAA
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Clone variation with respect to NM_144578.3
505 c=>t



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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_144578 unedited
 ATTTTGTAAACGACTACTATAGGGCGGCCGGAATTCGGCACGAGGGCTGCTCTAGCT
 GCCGTCAGTCAGGCTGCGCCCGCTTTCAGGGCCAGTCCCTCGGACCCATCGCCGCTT
 CTAGACCCTACTGCGGTCTCGGATATTGCCGGGAAAATGTCTGATGAATTTTCGTTGGCA
 GATGCACTACCTGAACACTCCCTGCCAAAACCTCTGTGTGAGCAATACAAAACCTGGC
 CAACCTCCTCAAGGCTGGCCAGGCTCCAACCTTGGAAATAATCCGAGTGCTCCATCTTCA
 GTGCCATCTGGACTCCCACCAAGTGCAACACCTCCACTGTGCCTTTTGGACCAGCACCA
 ACAGGAATGTATCCCTCGTGCCTCCCACCGGACCACCTCCAGGACCCCAAGCACCTTT
 CCTCCTTCCGGACCATCATGTCCCCACCTGGTGGTCTTATCCAGCCCCAACTGTGCCG
 GGCCCTGGCCCCACAGGGCCATATCCTACACCAAATATGCCCTTTCCAGAGCTACCCAGA
 CCATATGGTGCACCCACAGATCCAGCTGCAGCTGGTCTTTAGGTCCATGGGGATCCATG
 TCTTCTGGACCTTGGGCGCCAGGAATGGGAGGGCAGTATCTACCCTAATATGCCATAT
 TCATCTCCAGGCCATATNCCGCTCCTCCTCCTCCCAAGCCCTGGGGCAGCACCACT
 GTTCCATGGGGCACCGTTCACCAGAGCCTGGGGACCACCAGCACCTATCCTGCCCTAC
 GGATCGTATCCACACCNAGACTTATCCTACTCCCAAGTATCCTTTCCAAGTGCCTTCAG
 GACTTCTGGTGTCCACCATGCCTGGGGNCCCCATTCTAC

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_144578 unedited
 CTATGGACCCGCGGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTTTAACTAC
 TAAATATTTTATTCTAAGCAAAACAGAGCTCCAGCATAAATCCTGTTTGTCTGAGAAAT
 TCACAATACATTTTGAAGTCCAATGGATACATTCAAAATGTTATCTAATAAATAACAAG
 GTCAGGCTACTCCTAAATCTAAAAATCTGATTTAAACATAAGGTGCCAAAAAACTACCAG
 GGCTTTTTTTTTTTGGTGGTTATAAACAATACTTGATATTTAAGCAACACAGTCACACTG
 CTTTAAACTTAGTTGAGAGATCTACAATTTATTATTATTTTCAGTGTTAGAGCTAGAGG
 GTAATTTTTTCAAGATGGCACTCAACTCCACTTATTTACCTGTCAACAAATACAGAAT
 GAACTGTTAGCCATAAGCACTTTACAAACAGACTCAGGAAACTATGCAGTAGACAATGAC
 ATAGCTTAACCAGACTCTGAAAAAGAGATACATATTTTGATTCACACTTGTACAAAGAGA
 ACAGTCATGTCTGCATGACTTAAGGTCCCTAACACAACCTGTTTTATGTTTTAGACCCC
 TGGAGTGTGCCAGTTTACCACATCAGGGAGGAATCAAGGGATGTGTGTGCTCCTCTAAA
 GAACAAGGGCAAGTGGGTGGGGTGGCTACAGGGAACGCTCTGGGCAAAAGAGCTGCCT
 CAGGTTTTTGTGGGAATGAAAAATACTTGTTCAGTTAAGCAATTCCTAGGGTTTTATCTA
 GTTTTGAGTTCAAAAAAAGGAGAGATTATTTCTTCTCGAGCTTTCCAAGCAAATGCC
 CATCTCATATTCAATCTCAAGTGTCAAAGGATATCAATATCAAAAAATTAATTACATACTG
 GTGGCCTGAATAAAAAAAGGTAGGTTTATAATAGCAACTTTATGCTGGTGACCCATG
 ACTAAATAAACAGAAGTTTACTAAA

Restriction Sites:

NotI-NotI

ACCN:

NM_144578

Insert Size:

2500 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:

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_144578.2](#), [NP_653179.1](#)

RefSeq Size: 2861 bp

RefSeq ORF: 738 bp

Locus ID: 93487

UniProt ID: [Q8NDC0](#)

Cytogenetics: 14q22.3