

Product datasheet for **SC304567**

MAP1S (NM_018174) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAP1S (NM_018174) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAP1S
Synonyms:	BPY2IP1; C19orf5; MAP8; VCY2IP-1; VCY2IP1
Vector:	<u>pCMV6 series</u>
Fully Sequenced ORF:	>NCBI ORF sequence for NM_018174, the custom clone sequence may differ by one or more nucleotides

```

ATGGCGGCGGTGGCTGGATCTGGGGCTGCCGCGGCTCCGAGCTCACTGCTCCTCGTGCTG
GGCAGCGAGTTCCGGAGCCCGGGCTCCTCACCTACGTCTGGAGGAGCTCGAAAGAGGC
ATCCGGTCTTGGGATGTCGATCCTGGCGTCTGCAACCTTGATGAACAGCTCAAGGTCTTT
GTGTCCCAGACTCTGCCACCTTCTCCAGCATTGTGAAAGGCCAGCGAGCCTGCACCAC
CGTGGAGACAACCTGGAGACCCTGGTCTCCTGAACCCATCAGACAAGTCCCTGTATGAT
GAGCTCCGGAACCTTCTGTTGGACCCTGCCTCTCACAAGCTACTGGTGTGGCTGGGCCC
TGCTGGAGGAGACGGGGGAGCTGCTGCTACAGACAGGGGGCTTCTCGCCTCACCCTTC
CTCCAGGTCTGAAGGACAGAGAGATCCGGGACATCCTGGCCACCACGCCCCACCTGTG
CAGCCGCCCATACTCACCATCACCTGCCCCACCTTCGGTGACTGGGCTCAGCTGGCACCC
GCTGTGCTTGGCCTTCAGGGGGCGCTCCGGCTCCAGCTGCGGCTGAACCCCCCGGCGCAG
CTGCCCAACTCTGAGGGCTGTGCGAATTCCTGGAGTACGTGGCTGAGTCTCTGGAGCCA
CCGTCCCCCTTCGAGTCTGCTGGAGCCCCGACCTCCGGGGGCTTCTCAGGCTGGGCCGG
CCCTGCTGCTACATCTTCCCTGGAGGCCCTCGGGGATGCCGCTTCTTCGCCGTCATGGC
TTCACTGTGCTGGTCAACGGTGGCTCAAACCCCAAGTCCAGTTTCTGGAAGCTGGTGCGG
CACCTGGACCGCGTGGATGCCGTGCTGGTGACCCACCCTGGCGCCGACAGCCTCCCCGGC
CTAACAGCCTGCTGCGGCGCAAACCTGGCGGAGCGCTCCGAGGTGGCTGCTGGTGGGGGC
TCTGGGACGACAGGCTGCGCAGGCTCATCTCCCCAACCTGGGGTCTGTCTTCAAC
GCCTGCGAGGCCGCGTCGCGGCTGGCGCGCGGCGAGGATGAGGCGGAGCTGGCGTGAGC
CTCCTGGCGCAGCTGGGCATCACGCTCTGCCACTCAGCCGCGGGCCCGTGCAGCCAAA
CCCACCGTGCTCTTCGAGAAGATGGGCGTGGGCGGCTGGACATGTATGTGCTGCACCCG
CCCTCCGCGGCGCCGAGCGCACGCTGGCCTCTGTGTGCGCCCTGCTGGTGTGGCACCCC
GCCGGCCCCGGCGAGAAGGTGGTGGCGTGCTGTTCCCGGTTGCACCCGCCCGCTGC
CTCCTGGACGGCCTGGTCCGCTGCAGCACTTGAGGTTCTGCGAGAGCCCGTGGTGACG
CCCCAGGACCTGGAGGGGCCGGGCGAGCCGAGAGCAAAGAGAGCGTGGGCTCCCGGGAC
AGCTCGAAGAGAGAGGGCCTCCTGGCCACCCACCTAGACCTGGCCAGGAGCGCCCTGGG
GTGGCCCCGAAGGAGCCAGCACGGGCTGAGGCCCCACGCAAGACTGAGAAAGAAGCCAAG
ACCCCCCGGGAGTTGAAGAAAGACCCCAAACCGAGTGTCTCCCGACCCAGCCGCGGGAG
GTGCGCCGGGCGAGCCTCTTGTGTGCCAACCTCAAGAAGACGAATGCCAGGGCGGACCC
AAGCCCCGCAAGCGCCAGCACGTCCCACTCTGGCTTCCCGCCGGTGGCAATGGACCC

```



[View online »](#)

CGCAGCCCGCCAGCCTCCGATGTGGAGAAGCCAGCCCCCAGTGCAGCCTGCGGCTCT
CCGGCCTCCCAGCTGGTGGCCACGCCAGCCTGGAGCTGGGGCCGATCCCAGCCGGGAG
GAGAAGGCACTGGAGCTGCCTTTGGCCGCCAGCTCAATCCCAAGGCCACGCACACCCTCC
CCTGAGTCCCACGGAGCCCCGAGAGGGCAGCGAGCGGTGTCGCTGAGCCCACTGCGG
GGCGGGGAGGCCGGGCCAGACGCCTCACCCACAGTGACCACCCACGGTGACCACGCC
TCACTACCCGCAGAGGTGGGCTCCCCGCACTCGACCGAGGTGGACGAGTCCCTGTCGGTG
TCCTTTGAGCAGGTGCTGCCGCCATCCGCCCCACAGTGAGGCTGGGCTGAGCCTCCCG
CTGCGTGGCCCCCGGGCGGGCGCTCGGCTTCCCCACACGATGTGGACCTGTGCCTGGTG
TCACCCTGTGAATTTGAGCATCGCAAGGCGGTGCCAATGGCACCGGCACCTGCGTCCCCC
GGCAGCTCGAATGACAGCAGTGCCCGGTACAGGAACGGGCAGGTGGGCTGGGGGCCGAG
GAGACGCCACCCACATCGGTGAGCGAGTCCCTGCCACCCTGTCTGACTCGGATCCCGTG
CCCCTGGCCCCCGGTGCGGCAGACTCAGACGAAGACACAGAGGGCTTTGGAGTCCCTCGC
CACGACCTTTGCCTGACCCCTCAAGGTCCCCCACCCTGCTGACCCATCCAGCATC
TGCATGGTGGACCCGAGATGCTGCCCCCAAGACAGCACGGCAAACGGAGAACGTCAGC
CGCACCCGGAAGCCCTGGCCCCCCCCAACTCACGCGCTGCCGCCCCAAAGCCACTCCA
GTGGCTGCTGCCAAAACCAAGGGCTTGTGTGGTGGGACCGTGCCAGCCGACCACTCAGT
GCCCCGAGTGAGCCCACTGAGAAGGGAGGCCGGGCACCCCTGTCCAGAAAGTCTCAACC
CCCAAGACTGCCACTCGAGGCCCGTGGGGTACGCCAGCAGCCGGCCCGGGGTGTAGCC
ACCCACCCCAAGTCCCGGTCTACCTGGACCTGGCCTACCTGCCAGCGGGAGCAGCGCC
CACCTGGTGGATGAGGAGTTCTTCCAGCGCGTGCAGCGCTCTGCTACGTCATCAGTGGC
CAGGACCAGCGCAAGGAGGAAGGCATGCGGGCCGTCTGGACGCGCTACTGGCCAGCAAG
CAGCATTGGGACCGTGACCTGCAGGTGACCCTGATCCCCACTTTGACTCGGTGGCCATG
CATACGTGGTACGCAGAGACGCACGCCCGGCACCAGGCGCTGGGCATCACGGTGTGGGC
AGCAACAGCATGGTGTCCATGCAGGATGACGCCTTCCCGCCTGCAAGGTGGAGTTCTAG

Restriction Sites:	Please inquire
ACCN:	NM_018174
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:	<u>NM_018174.4, NP_060644.4</u>
RefSeq Size:	3278 bp

RefSeq ORF: 3180 bp

Locus ID: 55201

UniProt ID: [Q66K74](#)

Cytogenetics: 19p13.11

Gene Summary: Microtubule-associated protein that mediates aggregation of mitochondria resulting in cell death and genomic destruction (MAGD). Plays a role in anchoring the microtubule organizing center to the centrosomes. Binds to DNA. Plays a role in apoptosis. Involved in the formation of microtubule bundles (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longer isoform (1).