

Product datasheet for **SC322373**

MAP1 (MOAP1) (NM_022151) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAP1 (MOAP1) (NM_022151) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAP1
Synonyms:	MAP-1; PNMA4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for SC322373
 GCGGCGCGGGTGGCGGCACGTCCCTCCAGACAGTACCACAGGCACCTGGAGTACCGGCAT
 CCGTTCGCTGTGGCCCCGAGTGTCCGTGAGAGCCTAGGGGAGCCTGCCCTCCCGCGCCTC
 GTCGGGGCCCGCCAGGCACCTTGGCCGCCGCGCACGGACGCGGGCACGAGCACTAGAT
 CACGGCTGCTGGACCTCGGCACGTTGACAAGATTTCTCTGGGGTACCGCGGAGGATTACT
 TTGAATTTTCGGTGGTTCGCTGTGGTCTGGCATATTTAGAACTTAAGTCTATTATTTTCGGG
 CACCATGACTTTGAGGCTTTTAGAAGACTGGTGCAGGGGGATGGACATGAACCCTCGGAA
 AGCGCTATTGATTGCCGGCATCTCCAGAGCTGCAGTGTGGCAGAAATCGAGGAGGCTCT
 GCAGGCTGGTTTAGTCCCTTGGGGGAGTACAGACTGCTTGAAGGATGTTTCAGGAGGGA
 TGAGAACAGGAAAGTAGCCTTAGTAGGGCTTACTGCGGAGACTAGTACGCCCTGGTCCC
 TAAGGAGATACCGGAAAAGGGGTATCTGGAGAGTGTCTTAAAGCCCCCTGACCCAGA
 TAATACATTTTTAAGCAGATTAATGAATTTTTAGCGGGAGAGGGCATGACAGTGGGTGA
 GTTGAGCAGAGCTCTGGACATGAAAATGGCTCCTTAGACCCAGAGCAGGGCATGATCCC
 GGAATGTGGGCCCTATGTTGGCACAGGCATTAGAGGCTCTTCAGCCTGCCCTGCAATG
 CTTGAAGTATAAAAAGCTGAGAGTGTCTCGGGCAGGGAGTCTCCAGAACCAGGAGAAGA
 AGAATTTGGACGCTGGATGTTTCATACTACTCAGATGATAAAGGCGTGGCAGGTGCCAGA
 TGTAGAGAAGAGAAGGCGATTGCTAGAGAGCCTTCGAGGCCCAGCACTTATGTTATTCCG
 TGTCTCAAGATAAAACAATCCTTTAATTACTGTCGATGAATGTCTGCAGGCTCTTGAGGA
 GGTATTTGGGGTTACAGATAATCCTAGGGAGTTGCAGGTCAAATATCTAACCACTTACCA
 GAAGGATGAGGAAAAGTTGTCGGCTTATGTAATAAGGCTGGAGCCTTTGTTACAGAAGCT
 GGTACAGAGAGGAGCAATTGAGAGAGATGCTGTGAATCAGGCCCGCTAGACCAAGTCAT
 TGCTGGGGCAGTCCAAAAACAATTCGAGAGAGCTTAATCTGCCAGAGGATGGCCCAGC
 CCCTGGTTTCTGCAGTTATTGGTACTAATAAAGGATTATGAGGCAGCTGAGGAGGAGGA
 GGCCCTTCTCCAGGCAATATTGGAAGGTAATTTACCTGAGTCTCAGGGAACACGAAAGG
 GATATGGCAATGAGTAGAGCATGAAGGTAGAACAGTCTATATACTCTTGTGACACATACA
 ATCCCTACCTTGTGCTGCCAAGTAACTCATTTTTGTGCAATTCTCAGTATAAGCCCTTTG
 TCGTTTCTGTGCCTATTTAAAGTCTCCTAAAGGTGAATTGACTAGGAAGGATGTAGTTC
 TACTGCTCCTTACCTATTTAAATTCATCCTTGTGAATATCTTGTGTTGTTGTTGAG
 ACAGAGTCTCGCTCTGTACCCAGGCTGGAGTGCAGTGGCGTGATCTTGGCTCACTGCAT
 CCTCCGCCTTCCAGGTTAAGCTATTCTCCTGCCTCAGTTGCCCGAGTAGCTGGGACTAC
 AGGCATGTGCCACCACGCCAGCTAAGTTTTGCATTATCAGTAGAGACGGGGTTTACCA
 TGTGGCCAGGCTAGTTTGAACCTCCTGACCTCAAGTATCCACCTGCTTCGGCCTCTGA
 AAGTGTGGGATTACAGGCGTGAGACACTGCGCCAGCCTCATCCTGTGAATTTCTTAT
 TGTACACAAGTTCTTCACTATCTGTGTGCAGTCTCTGAGGGGACAGACAAGGCTTGGG
 TGTATATGCCAACAGATCTCATTGAAGTATCAGCTTGTGTTGGTACTAGGTGCAAGTGT
 GCATGTCACATGTGACCATGTTGGATCATTGACAATTTTTAGGTATGACTGACCTACAT
 TTATGATGAAGATCCTGAGCGGAGGTTAAGATATTAAGTTATTTTCCATATGAATCAGAA
 TTATATTGATTCTGTGCAATCAAAACAAAAGGCAGAATAGAATGCTGAGATTGGTTAAGT
 TTGCAATGACCATCTTGAACCACAGATTTCTGCTATGTGTCATCAAAACATCTAGTTCTG
 AGTAACATTTTACGATTGTTATAAAAATTATAGGTGTGAACCTTCAAAAATAAAGGAATGC
 TAATAAAAAAAAAAAAAA

Restriction Sites: Please inquire

ACCN: NM_022151

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:	<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_022151.4 , NP_071434.2
RefSeq Size:	2435 bp
RefSeq ORF:	1056 bp
Locus ID:	64112
UniProt ID:	Q96BY2
Cytogenetics:	14q32.12
Gene Summary:	The protein encoded by this gene was identified by its interaction with apoptosis regulator BAX protein. This protein contains a Bcl-2 homology 3 (BH3)-like motif, which is required for the association with BAX. When overexpressed, this gene has been shown to mediate caspase-dependent apoptosis. [provided by RefSeq, Jul 2008]