

Product datasheet for **SC308609**

MAP6 (NM_207577) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	MAP6 (NM_207577) Human Untagged Clone
Tag:	Tag Free
Symbol:	MAP6
Synonyms:	MAP6-N; MTAP6; N-STOP; STOP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC308609 representing NM_207577. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**
ATGGCGTGGCCGTGCATCAGAGGGCCTGCTGCATCGCCCGCTTCTGGAACCAAGTTGGACAAAGCGGAC
ATCGCTGTGCCGTGTTTTCACCAAGTACTCGGAGGCCACCGAGCACCGGGCGCCCGCCGACGCCA
CCGCGCGCCGAGCAGCAGGCGCAGCCGGCGCTCGCGCCCCCTCGGCGCGCGCGTTGCCATAGAGACG
CAGCCAGCCAGGGCGAGTTGGATGCAGTTGCCCGGGCAACGGGGCCAGCGCCTGGGCTACCGGGCAG
CGCGAGCCGGCGGGCCCGGCCGAGCGGGCCGGGCCGGGCTGGGCTCCGCTCCACCTCCGGC
CCCGCGGACTCGGTGATCGGCGAGATTACCGAGCCTGGAAGTGCAGCGGCCCGAGCCAGCTGCCGG
CCGCGCAGCGAATACCAGCCCTCCGACGCTCCCTTCGAGCGCGAGACCCAGTACCAGAAGGACTTCCGC
GCCTGGCCGCTGCCGCGCCGCGGGGACACCCGTGGATCCCAAGCCCGTGCAGATCTCTCGGCCCTCC
CAGGCGTTCGGCGCCCATTTCTCGGGGCGCCCAAGCGCCGGCCGAGAGCCAGGAGCGCTGGCCAGTGCAG
GCCGCCGTGAGGCCCGGGAGCAGGAGGCGGCCCGGCCGAGCGGTGGCTGGCGGCCGAAAGGCG
TCCGGGGCGGACGAGCGGACACGCGCAGGAAGCCGGGCTGCCTGGATTGTGCGCCGCGCCGAGGGC
CTGGGGCAGCAGCAGACGCCGTGCCCGCGGCCAGGCCAGGTCCAGGCCACCGGCCCGAGGCTGGC
AGGGGGCGCGCCCGCGGACGCCCTCAACCGGCAAATCCGCGAGGAGGTGGCGAGTGCAGTGCAGCAGC
TCCTACAGGAATGAATTCAGGGCATGGACGACATCAAGCCTGTGAAACCAATAAAGGCCAAGCCCCAG
TACAAGCCCCAGATGATAAGATGGTTTCATGAGACCAGCTACAGTGCTCAGTTCAAAGGAGAGGCCAGC
AAGCCAACAACAGCTGACAATAAGGTCAATGATCGCAGAAGAATACGCAGCCTCTACAGCAACCCCTTC
AAGGAACCCCAAGGTGAAAAACCTAGTGTTTCAGAGTTCCAAACCAAAAAAGACCTCAGCGAGCCAT
AAGCCACGAGGAAGGCCAAAGACAAGCAGGCGGTGTGAGGCCAGGCTGCCAAGAAAAAGAGCGCGGAG
GGCCCCGAGTACCACCAAGCCAGACGACAAGGAGCAAAGAGATGAACAATAAACTGGCTGAGGCG
AAAGAGTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC



View online »

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_207577
Insert Size:	1320 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:	<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:	<u>NM_207577.1</u>
RefSeq Size:	4338 bp
RefSeq ORF:	1320 bp
Locus ID:	4135
UniProt ID:	<u>Q96JE9</u>
Cytogenetics:	11q13.5
MW:	47.4 kDa
Gene Summary:	<p>This gene encodes a microtubule-associated protein. The encoded protein is a calmodulin-binding and calmodulin-regulated protein that is involved in microtubule stabilization. Two transcript variants encoding distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) contains a different 3' coding region compared to variant 1. The resulting isoform (2) contains a shorter and distinct C-terminus compared to isoform 1.</p>