

## 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)

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GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGTGGCCGTGCATCACGAGGGCCTGCTGCATCGCCCGTTCTGGAACCAAGTTGGACAAAGCGGAC
ATCGCTGTGCCGCTGGTTTTACCAAGTACTCGGAGGCCACCGAGCACCCGGGCGCCCGCCGAGCCA
CCGCCGCCGAGCAGCAGGGCGCAGCCGGCGCTCGCGCCCCCTCGGCGCGCGGTTGCCATAGAGACG
CAGCCAGCCAGGGCGAGTTGGATGCAGTTGCCCGGGCAACGGGGCCAGCGCCTGGGCTACCGGGAG
CGCGAGCCGGCGGGCCCGGCCGGAGCGGGCCGGGCCGGGCTGGGCTCCGCTCCACCTCCGGC
CCCGCGGACTCGGTGATGCGGCAGGATTACCGAGCCTGGAAGGTGCAGCGCCCGAGCCAGCTGCCGG
CCGCGCAGCGAATACCAGCCCTCCGACGCTCCCTTCGAGCGCGAGACCCAGTACCAGAAGGACTTCCGC
GCCTGGCCGCTGCCGCGCCGCGGGGACCACCCGTGGATCCCAAGCCCGTGCAGATCTCTGCGGCCCTCC
CAGGCGTCCGGCGCCATTCTCGGGGCGCCAAGCGCCGGCCGAGAGCCAGGAGCGCTGGCCAGTGCAG
GCCGCCGTGAGGCCCGGAGCAGGAGGCGGCCCGGCCGGAGCGGGTGGCTGGCGGCCGAAAGGCG
TCCGGGGCGGACGAGCGGCACGCGCAGGAAGCCGGGCTGCCTGGATTGTGCGCCGCGCGAGGGC
CTGGGGCAGCAGCAGCGCCGCTGCCCGCGGCCAGGCCAGGTCAGGCCACCGGCCCGAGGCTGGC
AGGGGGCGCGCCCGGCGGACGCCCTCAACCGGCAAATCCGCGAGGAGGTGGCGAGTGCAGTGCAGCAG
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AAGCCAACAACAGCTGACAATAAGGTCAATGATCGCAGAAGAATACGAGCCTCTACAGGCAACCCCTTC
AAGGAACCCCAAGGTGAAAAAACCCTAGTGTTCAAGTTCCAAACCAAAAAAGACCTCAGCGAGCCAT
AAGCCACGAGGAAGGCCAAAGACAAGCAGGCGGTGTGAGGCCAGGCTGCCAAGAAAAAGAGCGGGAG
GGCCCCGAGTACCACCAAGCCAGACGACAAGGAGCAAAGCAAAGAGATGAACAATAAACTGGCTGAGGCG
AAAGATAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGCGC
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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>Plasmid Map:</b>	□
<b>ACCN:</b>	NM_207577
<b>Insert Size:</b>	1320 bp
<b>OTI Disclaimer:</b>	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).
<b>OTI Annotation:</b>	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.
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_207577.1</a></u>
<b>RefSeq Size:</b>	4338 bp
<b>RefSeq ORF:</b>	1320 bp
<b>Locus ID:</b>	4135
<b>UniProt ID:</b>	<u><a href="#">Q96JE9</a></u>
<b>Cytogenetics:</b>	11q13.5
<b>MW:</b>	47.4 kDa
<b>Gene Summary:</b>	<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>