

## Product datasheet for **SC307684**

### CMIP (NM\_198390) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CMIP (NM_198390) Human Untagged Clone
Tag:	Tag Free
Symbol:	CMIP
Synonyms:	TCMIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >SC307684 representing NM\_198390.  
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGATGTGACCAGCAGCTCGGGCGCGCGCGACCCCGCAGATCGAGGAGACCAAGCCGCTGCTG
GGGGCGACGTGTCCGCCCCGAAGGCACGAAGATGGGCCTGCCCCTGCCGCCGGCTCTTCTGCTT
TGCACCGGATGAGGTACAAACTGCTGCAGGAGGGCGACATTCAGGTCTGTGTATCCGGCACCCGCGG
ACCTTTCTCAGCAAGATCCTCACCTCGAAATTCCTGAGGCGCTGGGAGCCGACCACTAACGCTGGCC
GACAACAGCCTGGCGTCCGCCACGCCAACTGGGTACATGGAAAACCTAGTCTCCTACAGCGCAATTGAA
GACGTTACAGTGTCTGCTGGGAGAATGCCCGAAGTACTGTTTACAGCTCACGATTCTGGGGAACT
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TCGAAACTGCTCTCAGAGAACACAACTTGACCACCCAGGAGCATGAAAACATCATTGTGGCAATCGCT
CCTTTGCTGGA AAAACAACCACCCACCACAGATCTCTGTGAATCTTTTGAAGCACTGCAGAGAGCGG
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TCCAAGTCCACAGACGCTGACTTGGCTCGTTTGTGAGCTCCGGCTCCTTCGAAACCTGGAGAACCTC
AGTTTGGCCTTACCAATGTAACCAAGTGCCTGCGCCGAGCACCTCATCAAAGTGCCTTCGCTCAAGCAG
CTGAACCTGTGGTCCACTCAGTTTGAGACGCTGGCCTTCGGCTCCTGTGCGAACACCTCACCATGCTC
CAGGTGCTGAACCTGTGCGAGACCCGGTACAGACGCTGGCCTGCTGGCCCTGAGCTCCATGAAGAGT
CTCTGCAGTTTAAACATGAACAGCACCAAGCTCTCAGCTGACACCTACGAAGATCTGAAGCCAAGCTT
CCCAATTTGAAGGAAGTGGACGTCGCTACACCCGAAGCCTGGTGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_198390

**Insert Size:** 2322 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).

<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>	<a href="#">NM_198390.2</a>
<b>RefSeq Size:</b>	4359 bp
<b>RefSeq ORF:</b>	2322 bp
<b>Locus ID:</b>	80790
<b>UniProt ID:</b>	<a href="#">Q8IY22</a>
<b>Cytogenetics:</b>	16q23.2-q23.3
<b>MW:</b>	86.3 kDa
<b>Gene Summary:</b>	<p>This gene encodes a c-Maf inducing protein that plays a role in T-cell signaling pathway. Alternatively spliced transcript variants encoding different isoforms have been described for this gene. [provided by RefSeq, Aug 2011]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (C-Mip). This variant is predominantly expressed in fetal liver, kidney, and peripheral blood mononuclear cells (PBMCs), but weakly detected in PBMCs from minimal change nephrotic syndrome (MCNS) patients.</p>