

Product datasheet for **SC305274**

CMIP (NM_030629) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CMIP (NM_030629) Human Untagged Clone
Tag:	Tag Free
Symbol:	CMIP
Synonyms:	TCMIP
Vector:	<u>pCMV6 series</u>



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Fully Sequenced ORF: >NCBI ORF sequence for NM_030629, the custom clone sequence may differ by one or more nucleotides
 ATGGGACAGGCTGCTGAGCCAACCTGGGTACATGGAAAACCTCAGTCTCCTACAGCGCAATT
 GAAGACGTTTACAGTGTCTGCTGGGAGAATGCCCGAAGTACTGTTTACAGCTCACGATT
 CCTGGGGAACTGCTTACTGCAGGCTGCCAATAGCTACCTGCGAGACCAGTGGTTCCAT
 TCTCTGCAATGGAAGAAAAAGATTTACAAATATAAGAAAGTGTGAGTAACCAAGCCGC
 TGGGAAGTTGTCTTGAAGAGATCCGGACCTGGTGGACATGGCCCTGACATCCCCCTG
 CAGGATGACTCCATCAACCAGGCCCACTGGAAATCGTCTCGAAACTGCTCTCAGAGAAC
 ACAAACTTGACCACCCAGGAGCATGAAAACATCATTGTGGCAATCGCTCCTTTGCTGGAA
 AACAAACCACCACCAGATCTCTGTGAATTCTTTGCAAGCACTGCAGAGAGCGGCC
 CGGTCCATGGTGGTTCATCGAGGTGTTACCCCCGTGGTGCAGCGAATCCTCAAGCATAAC
 ATGGACTTTGGGAAGTGCCCGGACTGAGGCTGTTTACTCAGGAGTACATCCTTGCCTTG
 AACGAGCTCAACGCGGGATGGAAGTGGTGAAGAAGTTCATTAGAGCATGCACGGCCCC
 ACAGGGCACTGCCCCACCCCGGGTCTGCCAACCTGGTGGCCGTGTGCCTGGCTGCC
 ATCTACTCTGTATGAAGAGTTCATCAACAGCCGCGACAATCCCAAGCTGAAGGAA
 ATCCGGAACGGCTGCCAGCAGCCGTGCGACCGGAAGCCCACTTTACCTCTGCGCCTCTG
 CACCCAGCCCGACCTGGTGTCTCAGGAAGCCACGCTGTCTGAGGCCCGGCTCAAGTCG
 GTGGTCTGGCCCTCCAGTGAGATCCACGTGGAGGTGGAACGCACCAGCACTGCCAAGCCG
 GCGCTGACGGCCAGCGCAGGCAACGACAGCGAGCCCAACCTCATCGACTGCCTCATGGTC
 AGCCCCGCTGCAGCACCATGAGCATCGAGCTGGGCCCCAGGCCGACCGCACGCTCGGC
 TGCTACGTGGAATCCTCAAGCTGCTGTGAGACTATGATGACTGGAGACCGTCTCTGGCC
 AGTTTGTCTCAACCCATTCATTCCCAAGAAGCTCTCGCACATGAGAAGTTCACCAAG
 GAAGTGAAGTACGTGATTGAGAGTTTCGCCAAGACCCAGGCAAGAGGTCCACTCATGC
 CTGCTGAGCGTGCGGCCGGCAAAGATGGCTGGTTCAGCTCTACAGCCCGGAGGGGTG
 GCCTGCGACGATGACGGGAGCTGTTCCGACGATGGTGCACATCCTCATGGGCTCCTGT
 TACAAGACCAAAAAATTCCTGCTCTCCCTGGCAGAAAACAAGCTGGGTCCTGCATGCTC
 CTGGCACTGAGGGGAACAGACCATGGTGGAGATCCTGTGCTTGTGCTGGAATAACAAC
 ATCATCGACAACAACGACACCCAACTGCAGATCATCTCAACCCTGGAGAGCACAGACGTG
 GGGAAAGCGCATGTACGAGCAGCTGTGTGACCGGCAGCGGGAGCTGAAGGAGCTGCAAAGG
 AAAGCGGGCCACCAGGCTAACACTGCCCTCCAAGTCCACAGACGCTGACTTGGCTCGT
 TTGCTGAGCTCCGCTCCTTCGAAACCTGGAGAACCTCAGTTTGGCCTTACCAATGTA
 ACCAGTGCCTGCGCCGAGCACCTCATCAAAGTGCCTTCGCTCAAGCAGCTGAACCTGTGG
 TCCACTCAGTTTGGAGACGCTGGCCTTCGGCTCCTGTGCGAACACCTCACCATGTCCAG
 GTGCTGAACCTGTGCGAGACCCCGTACAGACGCTGGCCTGCTGGCCCTGAGCTCCATG
 AAGAGTCTCTGCAGTTTAAACATGAACAGCACCAAGCTCTCAGCTGACACCTACGAAGAT
 CTGAAGGCCAAGCTTCCCAATTTGAAGGAAGTGGACGTCCTGACACCGAAGCTGGTGA

Restriction Sites: Please inquire

ACCN: NM_030629

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: [NM_030629.1](#), [NP_085132.1](#)

RefSeq Size: 4128 bp

RefSeq ORF: 2040 bp

Locus ID: 80790

UniProt ID: [Q8IY22](#)

Cytogenetics: 16q23.2-q23.3

Gene Summary: 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]
Transcript Variant: This variant (2) contains an alternate 5' terminal exon compared to variant 1. This results in a shorter isoform (Tc-Mip) with a distinct N-terminus compared to isoform C-Mip. This isoform lacks the NH2-terminal PH domain, is specifically recruited to PBMCs in MCNS patients, and thought to play a role in T-cell signaling pathway.