

## Product datasheet for **MC221510**

### **Cmip (NM\_001163262) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Cmip (NM_001163262) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cmip
Synonyms:	4933407C03Rik; 5830471E12Rik; AI314065; AI464126
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221510 representing NM\_001163262  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATGTGACGAGCAGCTCGGGCGCGCGACCCCCGCGAGATCGAGGAGACCAAGCCGCTGCTTGGGA  
 GCGACGTGTCTGGCCCCGAGGGACCAAGGTGATGGGCGCCGTGCCTTGCCGCGGGCCCTGCTGCTTTG  
 CAACGGGATGAGGTACAAGCTGCTGCAGGAGGGCGACATTCAGGTCTGTGTCATCCGGCACCCCTCGGACC  
 TTTCTCAGCAAGATCCTCACCTCCAATTCTGAGGCGCTGGGAGCCGACCCACCTAACGCTGGCCGACA  
 ACAGCTTAGCATCCGCCACGCCGTCTGGGTACATGGAAAACCTCGTCTCCTACAGCGCCATTGAAGACGT  
 TCAGCCGCTGTCTGGGAGAACGCCCGAAGTACTGTTTACAGCTCACGATCCCCGGAGGGACCGTCTGT  
 CTGCAGGCTGCCAACAGTACCTGCGAGATCAGTGTTCCATTCTCTGCAGTGGAAGAAAAAGATTTACA  
 AATAACAAGAAAGTCTGAGTAACCAAGCCGCTGGGAGGTTGTCTTGAAGGAGATACGGACGCTGGTGG  
 CATGGCCCTCACGTCGCCTCTGCAGGATGATTCTATCAACCAGGCTCCGCTGGAAATCGTCTCAAACTG  
 CTCTCAGAGAACAACAACTGACCACTCAGGAGCACGAGAACATCATTGTGGCAATTGCGCCTCTGCTAG  
 AAAACAACCACCCACCCCGAGACCTCTGCGAATCTTCTGCAAGCACTGCAGAGAGCGGCCCCGGTCTAT  
 GGTGGTCACTCGAGGTGTTACACCAGTGGTTCAGAGGATCCTTAAACATAATATGGACTTTGGGAAGTGC  
 CCAAGGCTGAGGCTCTTACCCAGGAGTATATTCTTGCCCTGAACGAGCTCAACGAGGCATGGAGGTGG  
 TAAAGAAGTTCATACAAAGCATGCATGGCCCCACAGGGCACTGCCACATCCCCGGGTCTGCCCAATCT  
 CGTGGCTGTGTGCTGGTGCATATACTCCTGCTATGAAGAGTTCATCAACAGTCGCGACAACCTCCCC  
 AGCCTGAAAGAGATCCGAAACGGCTGCCAGCAGCCATGCGACCGAAAGCCACCTTACCTCTGCTGTG  
 TGCACCCAGCCCGGACCTGGTGTCTCAGGAAGCCACATTGTCTGAGCCACGGCTGAAGTCGGTGGTGT  
 GGCTCCAGCGAGGTCCACGTGGAGGTGGAGCGCACAGCACTGCCAAGCCGGCGCTGACCGCCAGCAG  
 GGCAACGACAGCGAGCCCAACCTTATTGACTGTCTGATGGTACGCCAGCCTGTGGGACCATGAGCATCG  
 AGCTGGGCCCCAGGCCGGCCGACGCTCGGTTGCCACGTGGAGATCCTCAAGTGTGTCCGACTACGA  
 TGACTGGAGACCGTCTCTGGCCAGCTTGCCTCAACCCATTCCATTCCCCAAGAAGCTCTCGCCACGAG  
 AAGTTCACAAAGGAAGTGAAGTACGTGATTTCAGAGGTTTGCAGAAGATCCAAGACAGGAAGTCCACTCCT  
 GTCTGTGAGCGTGGGGCAGGCAAGGATGGCTGGTTCAGCTCTACAGCCCTGGAGGGTGGCCTGTGA  
 TGATGACGGGGAGCTGTTTGCAGCATGGTGCACATTCTCATGGGCTCCTGTTACAAGACAAAAAGTTT  
 CTGCTCTACTGGCAGAAAACAAGCTGGGCCCTGTATGCTCCTGGCCCTGAGAGGGAACCAGACCATGG  
 CAGAGATCCTGTGTTGATGCTGGAATACAACATCATCGACAACAACGACACCCAACTGCAGATCATCTC  
 CACGCTGGAGAGCACGGACGTGGGCAAGCGCATGTATGAACAGCTGTGGACCCGGCAGCGGGAGCTGAAG  
 GAGCTGCAAAGGAAAGGCGGACCCACCAGGCTAACACTGCCCTCCAAGTCCACGGATGCGGACCTGGCC  
 GCCTGTGAGCTCTGGCTCCTTTGGAACTGGAGAACCTCAGCTTGGCCTTACCAACGTACCCAGTGC  
 CTGCGCCGAGCACCTCATAACTGCCTCCCTCAAGCAGCTCAATCTGTGGTCCACGCAGTTTGGAGAC  
 GCCGGCTGCGGCTCCTTTCGGAGCACCTCACTATGCTCCAAGTGTGACCTGTGTGAGACCCAGTCA  
 CCGACGCGGGCTTGTGGCCCTCAGTCCATGAAGAGTCTTTCAGTTTAAATATGAACAGCACCAAGCT  
 CTCGGCTGACACCTACGAGGATCTGAAGCCAAGCTTCTAACCTAAAGGAGGTTGATGTTTCGCTACACG  
 GAAGCCTGGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** Sgfl-Mlul  
**ACCN:** NM\_001163262  
**Insert Size:** 2322 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>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_001163262.1</a> , <a href="#">NP_001156734.1</a>
<b>RefSeq Size:</b>	4539 bp
<b>RefSeq ORF:</b>	2322 bp
<b>Locus ID:</b>	74440
<b>UniProt ID:</b>	<a href="#">Q9D486</a>
<b>Cytogenetics:</b>	8 E1
<b>Gene Summary:</b>	Plays a role in T-cell signaling pathway.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.