

## Product datasheet for **MC207618**

### Cinp (NM\_026048) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Cinp (NM_026048) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Cinp
Synonyms:	1810047K05Rik; 2810452K22Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC207618 representing NM_026048 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAAGCAAAGACTCTTGGGATCGCAACACCAAGAAAACCTGTCTTATCAGTCAGTGCGAGGAACTTA  
AGGACAATGCTGCTGACTGGCATAACTTAATCCTGAAATGGGACAGCCTCAGTGACAAGGGCTTCACCAC  
AGCGAGCAGTATTGCCAACCTGAAAGTCAGCTTGCTGAGTAAAGAGAAGGTTGAGTTAGAGAGCAGCAGC  
CCAGCTTCCATGGAAGAGGAAGAAAAGACAAATCTGGACTACGATAAGGGACTCGAAGCACTGTGTGAGG  
AGCTGCAGGCCATCTTGGACGGCTTGACTAAAATACAAATGAAAATGAAAAGCTGTCTTCAACCACCAA  
GGGAATTTGTGAGCTAGAAAATTACCACTACAGGGAAGAAAGCAGCCGGCCCCCTCTATTTACACAGTGG  
CCCACAGCCTTCTTTATGAGGTCTCCCGCCGGCTCTCTGAAGCATACAAGAAGGAGCTCCTTTTGAAGC  
ACACCATTTGGCGCAGAGCTGGCCATACTGCAGATCGCAACCTCAGCCTGACCTACCTGTCCATGTGGCT  
GCACCAGCCCTACATAGAGAGCAACAGCAAGCTGCAGCTGGAGAGCATGTGCTCGAGACAGGTCACCGG  
GCCCTGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_026048
Insert Size:	639 bp



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<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_026048.4</a> , <a href="#">NP_080324.1</a>
<b>RefSeq Size:</b>	2029 bp
<b>RefSeq ORF:</b>	639 bp
<b>Locus ID:</b>	67236
<b>UniProt ID:</b>	<a href="#">Q9D0V8</a>
<b>Cytogenetics:</b>	12 F1
<b>Gene Summary:</b>	<p>Interacts with the components of the replication complex and 2 kinases, CDK2 and CDC7, thereby providing a functional and physical link between CDK2 and CDC7 during firing of the origins of replication. Regulates ATR-mediated checkpoint signaling (By similarity). [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the predominant transcript. It encodes 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.</p>