

## Product datasheet for **SC324371**

### CINP (NM\_032630) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CINP (NM_032630) Human Untagged Clone
Tag:	Tag Free
Symbol:	CINP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_032630.2

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CTTCTACGGATATCTGTGGACCTTATGGAAGCAAAGACTCTTGGAACTGTAACGCCCAGA
AAACCTGTCTTATCTGTCAGTGCAAGAAAAATTAAGGACAATGCGGCTGATTGGCACAAT
TTAATCCTGAAGTGGGAAACCCTCAATGATGCAGGTTTTACCACTGCAAATAATATTGCC
AACTTGAAAAATCAGTTTATTGAATAAAGACAAGATAGAACTAGACAGCAGCAGCCAGCC
TCGAAGGAAAAATGAAGAAAAGGTGTGTCTGGAATATAACGAGGAACTGGAGAAGCTGTGT
GAGGAACTGCAGGCCACCTTGGATGGGTTGACCAAAATACAGGTGAAAATGGAAAAGCTG
TCTTCACTACCAAGGGAATTTGTGAAGTAAAGAACTACCACTATGGGGAGGAGAGTAA
CGACCCCTCTGTTCCACACGTGGCCTACAACCCATTTCTATGAGGTTTCGCATAAGCTC
TTGGAGATGTACAGGAAGGAGCTGCTCCTGAAGCGCACGGTGGCCAAGGAGCTTGCCAC
ACCGGGGATCCCGACCTACCCCTGAGCTACCTGTCCATGTGGCTGCACCAGCCCTATGTG
GAGAGCGACAGTAGGCTGCATCTGGAGAGCATGCTGCTGGAGACAGGCCACCGAGCTCTC
TGACGTCCTGAGACGGCTGCGGACACTGGCTCCTTCCACGTCTCACCAGGCAGACAGTCT
GCCTAGGACCCAGTGCCGACGGCTGGATCAGACCCAGGATCAGACCTTCTTGGGGTCT
TCTGGCCAGAGCTTGTACACGACCCCATGGCCTCTCCAGGCGTGCTCATGCCACAACCC
GCGGCCAGCCCCACGTGGTGCCGCTCAGCCTTCTCTGCCCTCCTGGGAATCTGTCATTC
GTGGGTGCTTCAGAGTAAATCAATGAGTTTCTGAGCAGAAAAAAAAAAAAAAAAAAAAA
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Restriction Sites: Please inquire

ACCN: NM\_032630

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).



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<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>NM_032630.2, NP_116019.1</u>
<b>RefSeq Size:</b>	996 bp
<b>RefSeq ORF:</b>	639 bp
<b>Locus ID:</b>	51550
<b>UniProt ID:</b>	<u>Q9BW66</u>
<b>Cytogenetics:</b>	14q32.31
<b>Protein Families:</b>	Druggable Genome
<b>Gene Summary:</b>	The protein encoded by this gene is reported to be a component of the DNA replication complex as well as a genome-maintenance protein. It may interact with proteins important for replication initiation and has been shown to bind chromatin at the G1 phase of the cell cycle and dissociate from chromatin with replication initiation. It may also serve to regulate checkpoint signaling as part of the DNA damage response. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2016]