

Product datasheet for **SC104191**

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:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC104191 sequence for NM_032630 edited (data generated by NextGen Sequencing)

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ATGGAAGCAAAGACTCTTGGAACTGTAACGCCAGAAAACCTGTCTTATCTGTCAGTGCA
AGAAAAATTAAGGACAATGCGGCTGATTGGCACATTTAATCCTGAAGTGGGAAACCTC
AATGATGCAGTTTTACCACTGCAAATAATATTGCCAACTTGAAAATCAGTTTTATTGAAT
AAAGACAAGATAGAAGTACAGCAGCAGCCAGCCTCGAAGGAAAAATAAGAAAAGGTG
TGTCTGGAATATAACGAGGAACTGGAGAAGCTGTGTGAGGAACTGCAGGCCACCTTGGAT
GGGTTGACCAAAATACAGGTGAAAATGGAAAAGCTGTCTTCACTACCAAGGGAATTTGT
GAACTAGAAAACCTACCATTATGGGGAGGAGAGTAAACGACCCCTCTGTTCCACACGTGG
CCTACAACCCATTTCTATGAGGTTTCGCATAAGCTCTTGGAGATGTACAGGAAGGAGCTG
CTCCTGAAGCGCACGGTGGCCAAGGAGCTTGCCACACCCGGGGATCCCGACCTCACCTG
AGCTACCTGTCCATGTGGCTGCACCAGCCCTATGTGGAGAGCGACAGTAGGCTGCATCTG
GAGAGCATGCTGCTGGAGACAGGCCACCGAGCTCTCTGA
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Clone variation with respect to NM_032630.2
229 g=>a;588 c=>t



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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_032630 unedited</p> <pre> ACTATAGGGCGCGCGAATTCGGCACGAGGCTTCTACGGATATCTGTGGACCTTATGGA AGCAAAGACTCTTGAACTGTAACGCCAGAAAACCTGTCTTATCTGTCAGTGCAAGAAA AATTAAGGACAATGCGGCTGATTGGCACAATTTAATCCTGAAGTGGGAAACCTCAATGA TGCAGGTTTTACCACTGCAAATAATATTGCCAATTGAAAATCAGTTTATTGAATAAAGA CAAGATAGAAGTACAGACGAGCCAGCCAGCCTCGAAGGAAAATAAAGAAAAGGTGTCT GGAATATAACGAGGAAGTGGAGAAGCTGTGTGAGGAAGTGCAGGCCACCTTGGATGGGTT GACAAAATACAGGTGAAAATGGAAAAGCTGTCTTCAACTACCAAGGGAATTTGTGAACT AGAAAACCTACCATTATGGGGAGGAGAGTAACGACCCCTCTGTTCCACACGTGGCCTAC AACCCATTCTATGAGGTTTCGCATAAGCTCTTGGAGATGTACAGGAAGGAGCTGCTCCT GAAGCGCACGGTGGCCAAGGAGCTTGCCACACCGNNGATCCCGACCTCACCCCTGAGCTA CCTGTCCATGTGGCTGCACCAGCCCTATGNTGAGAGCGACAGTANGCTGCATCTGGAGAG CATGCTGTGNAGACAGGCCACCGAGCTCTGTGACGTCTGAGACGGCTGCGGACACTGG CTTCTTACGTCTCACAGCAGACAGTCTGCCTAGGACCAGTGCCTGACCCGAGCCTGGATCA GACCCNAGATCAGACTCCTTGGGTTTTTCTGCCAGAGCTTGAACCACCCCATGCTCT TTCAGCGTGGTATGCCACACCGCGGAGCCCAAGGGGGCCGCTAGCCTTCTCCTCTCT GGGAATTGCATCTGGGGTGTCCAAAAACAAGTTTTTGGCAAAAACAAAAAATAAATA AACTGTTAATTGGGCGGCCCTTCTGTTTTAAAAATACCGTGGCCTTTG </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_032630 unedited</p> <pre> CAAACCTCTAGAGTCGAGAAAACCTTTTTTTTTTTTTTTTTTTTGGCTAAAAACTCA TTGATTTTACTCTGAAGCACCCACGAATGACAGATTCCCAGGAGGGGCAGAGAAGGCTGA GGGCACACAGTGGGGCTGGCCGCGGTTGTGGCATGAGCACGCTGGAGAGGCCATGG GGCTGGTGACAAGCTCTGGCCTTTTTACCCCAAGAAGGTCTGATCCTGGGGTCTGATCCA AGCCTGCGGCACTGGGTCTAAGCAGACTGTCTGCCTGGTGGAGAGTGGAAAGGAGCCAGT GTCCGACGCCGTCTAAGACGTCAAGAGCTCGGTGGCCTGTCTCCAGCAGCATGCTCTC CAGATGCAGCCTACTGTCGCTCTCCACATAGGGCTGGTGCAGCCACATGGACAGGTAGCT CAAGGTGAGGTCGGGATCCCGGTGTGGCAAGCTCCTTGGCCACCGTGCCTTCAAGAG CAGCTCCTTCTGTACATCTTCAAGAGCTTATGCGAAACCTCATAGAAATGGGTTGTAGG CCACGTGTGGAACAGAAGGGTCTGTTTACTCTCCTCCCAATAATGGTAGCTTTCTAGTTC ACAAATCCCTTGGTAGTTGAAGACAGCTTTCCATTTTACCTGTATTTTGGGCAACCC ATCCCAAGTGGCCTGCAGTTCCTCACACAGCTTCTCAAGTTCTCCGTTATATCCAGAC ACACCTTTTCTTTATTTTCTTTCAAGCCTGGCTGCCGCTGCCTAGTTCTATCTTGGCCT TATTCATAAACCGATTCTCACGTTGGCATTATTTATGCAAGTGGTAAACCTGCATATTGAGG CTTACCACTCAGATTAATTGGCCATAACCCGATGGCCTTATCTTTTACTGAAAAAATA AAGTTTTTGGCGTACAGTCAAAGACTTGTCTCTAAGGCCACAAATCCAAAACCTTTGCCA ATCGACCAG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_032630
Insert Size:	980 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).
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_032630.2](#), [NP_116019.1](#)

RefSeq Size: 996 bp

RefSeq ORF: 639 bp

Locus ID: 51550

UniProt ID: [Q9BW66](#)

Cytogenetics: 14q32.31

Protein Families: Druggable Genome

Gene Summary: 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]