

Product datasheet for **SC328190**

CINP (NM_001177612) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CINP (NM_001177612) Human Untagged Clone
Tag:	Tag Free
Symbol:	CINP
Synonyms:	MGC849
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_001177612, the custom clone sequence may differ by one or more nucleotides ATGGAAGCAAAGACTCTTGAAGTGTAAACGCCAGAAAACCTGTCTTATCTGTCAGTGCA AGAAAAATTAAGGACAATGCGGCTGATTGGCACAATTTAATCCTGAAGTGGGAAACCTC AATGATGCAGGTTTTACCACTGCAATAATATTGCCAACTTGAAAATCAGTTTATTGAAT AAAGACAAGATAGAAGTACAGCAGCAGCCAGCCTCGAAGGAAAATGAAGAAAAGGTG TGTCTGGAATATAACGAGGAACTGGAGAAGCTGTGTGAGGAACTGCAGGCCACCTGGAT GGGTTGATGAGGTTTCGCATAAGCTCTTGGAGATGTACAGGAAGGAGCTGCTCCTGA
Restriction Sites:	Please inquire
ACCN:	NM_001177612
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).



[View online »](#)

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_001177612.1, NP_001171083.1

RefSeq Size: 866 bp

RefSeq ORF: 357 bp

Locus ID: 51550

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]

Transcript Variant: This variant (3) differs in the 5' UTR and coding sequence and lacks a 3' coding exon, that causes a frameshift, compared to variant 1. The resulting isoform (3) has shorter and distinct N- and C-termini compared to isoform 1.