

Recombinant Human CINP, His-tagged

Cat. No. CINP-27247TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human CINP with an N terminal His tag; 232 amino acids with tag, Predicted MWt 26.4 kDa.
Species	Human
Source	E.coli
ProteinLength	212 amino acids
Description	The protein encoded by this gene interacts with CDK2, MCM5, and CDC7, and is associated with the origin recognition complex protein ORC2. It acts as a homodimer and is involved in replication and ATR-mediated checkpoint signaling. Three transcript variants encoding different isoforms have been found for this gene.
Conjugation	HIS
Molecular Weight	26.400kDa inclusive of tags
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 20% Glycerol, 0.1M Sodium chloride, 20mM Tris HCl, 1mM DTT, pH 8.0

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Storage	Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequences of amino acids	MGSSHHHHHHSSGLVPRGSHMEAKTLGTVTPRKPVLSVSARKIKDNAADWHNLILK WETLNDAGFTTANNIANLKISLLNKDKIELDSSSPASKENEEKVCLEYNEELEKLCEEL QATLDGLTKIQVKMEKLSSTTKGICELENYHYGEESKRPPPLFHTWPTTHFYEVSHKL LEMYRKELLLKRTVAKELAHTGDPDLTSLYSMLWLHQPYPVESDSRLHLESMLLETGH RAL
Sequence Similarities	Belongs to the CINP family.
GENE INFORMATION	
Gene Name	CINP cyclin-dependent kinase 2 interacting protein [Homo sapiens]
Official Symbol	CINP
Synonyms	CINP; cyclin-dependent kinase 2 interacting protein; cyclin-dependent kinase 2-interacting protein; MGC849;
Gene ID	51550
mRNA Refseq	NM_001177612
Protein Refseq	NP_001171083
MIM	613362
Uniprot ID	Q9BW66

Chromosome Location	14q32.33
Function	protein binding;