Recombinant Human CINP Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CINP-3672H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CINP MS Standard C13 and N15-labeled recombinant protein (NP_116019) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	24.3 kDa
AA Sequence	MEAKTLGTVTPRKPVLSVSARKIKDNAADWHNLILKWETLNDAGFTTANNIANLKISL LNKDKIELDSSSPASKENEEKVCLEYNEELEKLCEELQATLDGLTKIQVKMEKLSSTT KGICELENYHYGEESKRPPLFHTWPTTHFYEVSHKLLEMYRKELLLKRTVAKELAHT GDPDLTLSYLSMWLHQPYVESDSRLHLESMLLETGHRALTRTRPLEQKLISEEDLAA NDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CINP cyclin-dependent kinase 2 interacting protein [Homo sapiens (human)]
Official Symbol	CINP
Synonyms	CINP; cyclin-dependent kinase 2 interacting protein; cyclin-dependent kinase 2-interacting protein; MGC849; CDK2-interacting protein;
Gene ID	51550
mRNA Refseq	NM_032630
Protein Refseq	NP_116019
MIM	613362
UniProt ID	Q9BW66

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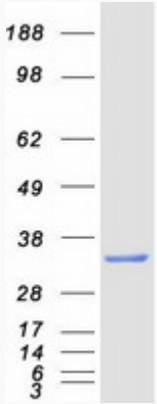
SDS-PAGE	

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