

Product datasheet for PH300085

CINP (NM_032630) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CINP MS Standard C13 and N15-labeled recombinant protein (NP_116019)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200085
Predicted MW:	24.3 kDa
Protein Sequence:	<p>>RC200085 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MEAKTLGTVTPRKPVLSVSARKIKDNAADWHNLILKWETLNDAGFTTANNIANLKISLLNKDKIELDSSS PASKENEEKVCLEYNEELEKLCCELQATLDGLTKIQVKMEKLSSTTKGICELENYHYGEESKRPLFHTW PTTHFYEVSHKLLMYRKELLLKRTVAKELAHTGDPDLTSLYLSMWLHQPYVESDSRLHLESMLLETGHR AL</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_116019</u>
RefSeq Size:	996
RefSeq ORF:	636
Locus ID:	51550
UniProt ID:	<u>Q9BW66</u> , <u>A0A024R6M9</u>
Cytogenetics:	14q32.31

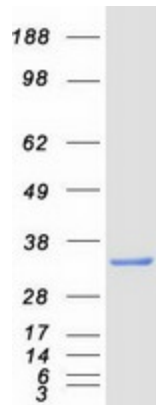

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Summary:

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]

Protein Families:

Druggable Genome

Product images:


Coomassie blue staining of purified CINP protein (Cat# [TP300085]). The protein was produced from HEK293T cells transfected with CINP cDNA clone (Cat# [RC200085]) using MegaTran 2.0 (Cat# [TT210002]).