

AR39058PU-N

Human CINP (1-212, His-tag) - Purified

Alternate names:

Cyclin-dependent kinase 2-interacting protein

Quantity:

0.1 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

CINP, also known as Cyclin-dependent kinase 2-interacting protein, belongs to the CINP family. This protein interacts with the components of the replication complex and 2 kinases, CDK2 and CDC7, thereby providing a functional and physical link between CDK2 and CDC7 during firing of the origins of replication.

Uniprot ID:

[Q9BW66](#)

NCBI:

[NP_001171082](#)

GeneID:

[51550](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >95%

Buffer System: 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

Description:

Recombinant human CINP protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MEAKTLGTVT PRKPVLSVSA RKIKDNAADW HNLILKWETL
NDAGFTTANN IANLKISLLN KDKIELDSSS PASKENEKV CLEYNEELEK LCEELQATLD
GLTKIQVKME KLSSTTKGIC ELENYHYGEE SKRPPLFHTW PTTHFYEVSH KLEMYRKEL
LLKRTVAKEL AHTGDPDLTL SYLSMWLHQP YVESDSRLHL ESMLLETGHR AL

Molecular weight: 26.4 kDa (232aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher).

Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

Avoid repeated freezing and thawing.

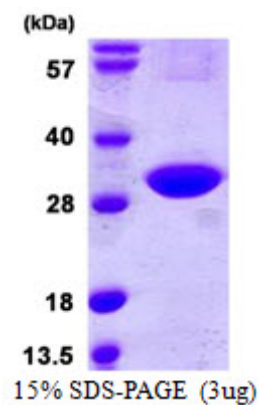
Shelf life: one year from despatch.

General Readings:

Grishina I., et al. (2005) Cell Cycle. 4:1120-1126.

Lovejoy C.A., et al. (2009) Proc. Natl. Acad. Sci. U.S.A. 106:19304-19309.

Pictures:



Recombinant human CINP, 1-212aa, His-tagged

