

CINP, 1-212aa, Human, His tag, E.coli

Cat.NO.: TP01625

3th Edition

Synonyms:Cyclin-dependent kinase 2-interacting protein, CDK2-interacting protein

Description: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.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

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

Sequences:

MGSSHHHHHHSSGLVPRGSHMEAKTLGTVTPRKPVLSVSARKIKDNAADWHNLILKWETLNDAGFTTANNIANLKI
SLLNKDKIELDSSSPASKENEKVCLEYNEELEKLCEELQATLDGLTKIQVKMEKLSSTTKGICELENYHYGEESKRP
PLFHTWPTTHFYEVSHKLLMYRKELLLKRTVAKELAHTGDPDLTSLYLSMWLHQPYPVESDSRLHLESMLLETGHR
AL

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.