

Recombinant human Cyclin-dependent kinase 2-interacting protein

Catalog No: #AP71512

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Package Size: #AP71512-1 20ug #AP71512-2 100ug #AP71512-3 1mg

Description

Product Name	Recombinant human Cyclin-dependent kinase 2-interacting protein
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:1-212aaSequence Info:Full Length
Accession No.	Q9BW66
Uniprot	Q9BW66
GeneID	51550;
Calculated MW	40.3 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MEAKTLGTVTPRKPVLSVSARKIKDNAADWHNLILKWETLNDAGFTTANNIANLKISLLNKDKIELDSSSPASKE NEEKVCLEYNEELEKLCEELQATLDGLTKIQVKMEKLSSTTKGICELENYHYGEESKRPLFHTWPTTHFYEVS HKLLEMYRKELLKRTVAKELAHTGDPDLTSLYSMLWHLQPYVESDSRLHLESMLLETGHRAL
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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. Regulates ATR-mediated checkpoint signaling.

References

A novel Cdk2 interactor is phosphorylated by Cdc7 and associates with components of the replication complexes.Grishina I., Lattes B.Cell Cycle 4:1120-1126(2005)Research Topic:Cell Biology

Note: This product is for in vitro research use only