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32-7729: Recombinant Human Cyclin-Dependent Kinase 2-Associated Protein 1/CDK2AP1 (C-6His)(Discontinued)

Gene : CDK2AP1
Gene ID : 8099
Uniprot ID : O14519

Description

Source: Human Cells.
MW :13.4kD.
Recombinant Human CDK2AP1 is produced by our Mammalian expression system and the target gene encoding Met1-Ser115 is expressed with a 6His tag at the C-terminus. Cyclin-Dependent Kinase 2-Associated Protein 1 (CDK2AP1) is a member of the CDK2AP family. The homodimeric structure of CDK2AP1 includes an intrinsically disordered 60-residue N-terminal region and a four-helix bundle dimeric structure with reduced Cys-105 in the C-terminal region. The widely expressed CDK2AP1 protein is the only known specific inhibitor of CDK2, making it an important component of cell cycle regulation during G(1)-to-S phase transition. In addition, CDK2AP1 serves as a regulatory role in DNA replication during S phase of the cell cycle.

Product Info

Amount :	10 µg / 50 µg
Content :	Lyophilized from a 0.2 µm filtered solution of 20mM Tris,150mM NaCl,pH8.0.
Storage condition :	Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.
Amino Acid :	MSYKPNLAAHMPAAALNAAGSVHSPSTSMATSSQYRQLLSDYGPPSLGYTQGTGNSQVPQSKYAELLAIIEELG KEIRPTYAGSKSAMERLKRGIIHARGLVRECLAETERNARSVDHHHHHH

Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ÃÂµg/ml. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Endotoxin : Less than 0.1 ng/ÃÂµg (1 IEU/ÃÂµg) as determined by LAL test.