



CDK2AP1, 1-115aa, Human, His tag, E. coli

Cat.NO.: TP01558

3th Edition

Synonyms:Cyclin-dependent kinase 2 associated protein 1, CDKAP1, DOC1

Description:CDK2AP1 is a specific CDK2-associated protein, which is thought to negatively regulate CDK2 activity by sequestering monomeric CDK2, and targeting CDK2 for proteolysis. Also, interact with DNA polymerase alpha/primase and mediate the phosphorylation of the large p180 subunit, which suggested the regulatory role in DNA replication during S phase of the cell cycle.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 50% glycerol, 2mM DTT

Molecular Weight:16.6kDa (152aa)

Sequences:

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSYKPNLAAHMPAAALNAAGSVHSPSTSMATSSQ
YRQLLSDYGPPSLGYTQGTGNSQVPQSKYAELLAIIIEELGKEIRPTYAGSKSAMERLKRGIHARGLVRECLAETERN
ARS

Purity:> 95% by HPLC

Concentration:0.25 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.