

**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:**

MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSYKPNLAHMPAAALNAAGSVHSPSTSMATSSQ  
YRQLLSDYGPPSLGYTQGTGNSQVPQSKYAELLAIEELGKEIRPTYAGSKSAMERLKRGIIHARGLVRECLAETERN  
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.