

32-2958: CDK2AP1 Recombinant Protein

Alternative Name : Cyclin-dependent kinase 2-associated protein 1,CDK2-associated protein 1,Putative oral cancer suppressor,Deleted in oral cancer 1,DOC-1,CDK2AP1,CDKAP1,DOC1,ST19,DORC1,p12DOC-1.

Description

Source : Escherichia Coli. CDK2AP1 Human Recombinant fused to 37 amino acid His Tag at N-terminal produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 152 amino acids (1-115 a.a.) and having a molecular mass of 16.6 kDa. The CDK2AP1 is purified by proprietary chromatographic techniques. CDK2AP1 is a CDK2-associated protein that negatively regulates CDK2 activity by sequestering monomeric CDK2, and targeting CDK2 for proteolysis. CDK2AP1 interacts with DNA polymerase alpha and mediates the phosphorylation of the large p180 subunit, which implicates the regulatory role in DNA replication during S phase of the cell cycle.

Product Info

Amount : 25 µg
Purification : Greater than 95.0% as determined by SDS-PAGE.
Content : The CDK2AP1 solution contains 20mM Tris-HCl pH-8, 0.1M NaCl and 20% glycerol.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Amino Acid : RGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMSY KPNLAHMPA AALNAAGSVH
SPSTSMATSS QYRQLSDYG PPSLGYTQGT GNSQVPQSKY AELLAIEEL GKEIRPTYAG SKSAMERLKR
GIIHARGLVR ECLAETERNA RS.