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32-2959: CDK2AP2 Recombinant Protein

Alternative Name : Cyclin-dependent kinase 2-associated protein 2,CDK2-associated protein 2,DOC-1-related protein,DOC-1R,CDK2AP2,DOC1R,p14.

Description

Source : Escherichia Coli. CDK2AP2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 149 amino acids (1-126 a.a) and having a molecular mass of 15.5kDa.CDK2AP2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Cyclin-Dependent Kinase 2 Associated Protein 2 (CDK2AP2) is a member of the CDK2AP family. CDK2-associated protein is assumed to negatively regulate CDK2 activity by sequestering monomeric CDK2, and targeting CDK2 for proteolysis. CDK2AP2 is implicated in the regulation of self-renewal of stem cells during early embryogenesis. CDK2AP2 is a regulator for self-renewal of mESCs (mouse embryonic stem cells) under permissive conditions, and cell survival during differentiation of the mESCs into terminally differentiated cell types.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	CDK2AP2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT.
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 :	MGSSHHHHHH SSGLVPRGSH MGSMSYKPIA PAPSSTPGSS TPGPGTPVPT GSVPSPSGSV PGAGAPFRPL FNDFGPPSMG YVQAMKPPGA QGSQSTYTDL LSVIEEMGKE IRPTYAGSKS AMERLKRGII HARALVRECL AETERNART.

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