Full-Length

CDK2AP1 (Human) Recombinant Protein

Catalog # P9599 Size 25 ug

Specification

Product Description	Human CDK2AP1 (O14519, 1 a.a. - 115 a.a.) full recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.
Sequence	RGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSHMSYKPNLAAHMPAAALNAAGSVHSPSTSMATSSQYRQLLSDYGPPSLGYTQGTGNSQVPQSKYAELLAIIEELGKEIRPTYAGSKSAMERLKRGIIHARGLVRECLAETERNARS
Host	Escherichia coli
Theoretical MW (kDa)	16.6
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 95.0% by SDS-PAGE
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	In 20mM Tris-HCl pH 8.0 (0.1 M NaCl and 10% glycerol)
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — CDK2AP1

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Entrez GeneID	8099
Protein Accession#	O14519
Gene Name	CDK2AP1
Gene Alias	DOC1, DORC1, ST19, doc-1, p12DOC-1
Gene Description	cyclin-dependent kinase 2 associated protein 1
Omim ID	602198
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a specific CDK2-associated protein, which is thought to neg atively regulate CDK2 activity by sequestering monomeric CDK2, and targeting CDK2 for proteol ysis. This protein was found to 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. A similar gene in hamster was isolated from, and functions as a g rowth suppressor of normal keratinocytes. [provided by RefSeq
Other Designations	CDK2-associated protein 1|CDK2-associated protein 1|Deleted in oral cancer-1|cyclin-dependen t kinase 2-associated protein 1|putative oral cancer suppressor

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