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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CDK2AP1 (Human) Recombinant Protein

Catalog Number: P9599

Regulation Status: For research use only (RUO)

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:

RGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWG
SHMSYKPNLAAHMPAAALNAAGSVHSPSTSMATSSQ
YRQLLSDYGPPSLGYTQGTGNSQVPQSKYAELLAIIIE
LGKEIRPTYAGSKSAMERLKRGIHARGLVRECLAETE
RNARS

Host: *Escherichia coli*

Theoretical MW (kDa): 16.6

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

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.

Entrez GeneID: 8099

Gene Symbol: CDK2AP1

Gene Alias: DOC1, DORC1, ST19, doc-1, p12DOC-1

Gene Summary: The protein encoded by this gene is a specific CDK2-associated protein, which is thought to negatively regulate CDK2 activity by sequestering monomeric CDK2, and targeting CDK2 for proteolysis. 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 growth suppressor of normal keratinocytes. [provided by RefSeq]