

## Recombinant Human CDK2AP2, His-tagged

**Cat. No.** CDK2AP2-7086H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CDK2AP2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-126aa
<b>Description</b>	CDK2AP2, also known as DOC-1R and p14, belongs to the CDK2AP family. CDK2-associated protein is thought to negatively regulate CDK2 activity by sequestering monomeric CDK2, and targeting CDK2 for proteolysis. CDK2AP2 is a regulator for self-renewal of mouse embryonic stem cells (mESCs) under permissive conditions, and cell survival during differentiation of the mESCs into terminally differentiated cell types. CDK2AP2 may be involved in the regulation of self-renewal of stem cells during early embryogenesis.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 2mM DTT
<b>Molecular Mass</b>	15.5kDa (149aa)
<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMSYKPIA PAPSSTPGSS TPGPGTPVPT GSVPSPSGSV PGAGAPFRPL FNDFGPPSMG YVQAMKPPGA QGSQSTYTDL LSVIEEMGKE IRPTYAGSKS AMERLKRGI HARALVRECL AETERNART

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<b>Purity</b>	>95% by SDS - PAGE
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml

## GENE INFORMATION

<b>Gene Name</b>	CDK2AP2 cyclin-dependent kinase 2 associated protein 2 [ Homo sapiens ]
<b>Official Symbol</b>	CDK2AP2
<b>Synonyms</b>	CDK2AP2; cyclin-dependent kinase 2 associated protein 2; CDK2 associated protein 2; cyclin-dependent kinase 2-associated protein 2; DOC 1R; p14; tumor suppressor deleted in oral cancer related 1; DOC-1-related protein; CDK2-associated protein 2; tumor suppressor deleted in oral cancer-related 1; DOC-1R; FLJ10636;
<b>Gene ID</b>	<a href="#">10263</a>
<b>mRNA Refseq</b>	<a href="#">NM_005851</a>
<b>Protein Refseq</b>	<a href="#">NP_005842</a>
<b>UniProt ID</b>	<a href="#">O75956</a>
<b>Chromosome Location</b>	11q13

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