



# Recombinant Human Cyclin-dependent kinase 2-associated protein 1 (CDK2AP1)

<b>Product Code</b>	CSB-MP005062HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	O14519
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MSYKPNLA AH MPAAALNAAG SVHSPSTSMA TSSQYRQLLS DYGPPSLGYT QGTGNSQVPQ SKYAELLAI EELGKEIRPT YAGSKSAMER LKRGIIHARG LVRECLAETE RNARS
<b>Source</b>	Mammalian cell
<b>Target Names</b>	CDK2AP1
<b>Protein Names</b>	Recommended name: Cyclin-dependent kinase 2-associated protein 1 Short name= CDK2-associated protein 1 Alternative name(s): Deleted in oral cancer 1 Short name= DOC-1 Putative oral cancer suppressor
<b>Expression Region</b>	1-115
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	This protein 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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
<b>Shelf Life</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.