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

Product Code	CSB-EP005062HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O14519
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MSYKPNLAAH MPAAALNAAG SVHSPSTSMA TSSQYRQLLS DYGPPSLGYT QGTGNSQVPQ SKYAELLAII EELGKEIRPT YAGSKSAMER LKRGIIHARG LVRECLAETE RNARS
Source	E.coli
Target Names	CDK2AP1
Protein Names	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
Expression Region	1-115
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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.
Reconstitution	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.
Shelf Life	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.