

## Product datasheet for **TP726894**

### CDK2AP2 Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human CDK2AP2 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Met1-Thr126
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Human Cyclin-Dependent Kinase 2-Associated Protein 2 is produced by our Mammalian expression system and the target gene encoding Met1-Thr126 is expressed with a 6His tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	10263
UniProt ID:	<a href="#">Q75956</a>
Summary:	CDK2AP2, also known as DOC1R, is short for cyclin-dependent kinase 2-associated protein 2. The gene CDK2AP2 encodes this protein that interacts with cyclin-dependent kinase 2 associated protein 1. Pseudogenes associated with this gene are located on chromosomes 7 and 9. Alternatively spliced transcript variants have been observed for this gene. It belongs to the CDK2AP family. CDK2AP1 (cyclin-dependent kinase 2-associated protein 1), corresponding to the gene doc-1 (deleted in oral cancer 1), is a tumor suppressor protein. The doc-1 gene is absent or down-regulated in hamster oral cancer cells and in many other cancer cell types. The ubiquitously expressed CDK2AP1 protein is the only known specific inhibitor of CDK2, making it an important component of cell cycle regulation during G(1)-to-S phase transition.


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