

---

**Product Data Sheet**


---

Product Name: CDK2AP2 Human  
 Cat. No.: GP22439  
 Batch No.: 1

**Product Data**

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Cyclin-dependent kinase 2-associated protein 2; CDK2-associated protein 2; DOC-1-related protein; DOC-1R; CDK2AP2; DOC1R; p14.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSYKPIA PAPSSTPGSS TPGPGTPVPT GSVPSPSGSV PGAGAPFRPL FNDFGPPSMG YVQAMKPPGA QGSQSTYTDL LSVIEEMGKE IRPTYAGSKS AMERLKRGI HARALVRECL AETERNART.		
Formulation	CDK2AP2 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 2mM DTT.		

**Introduction**

Cyclin-Dependent Kinase 2 Associated Protein 2 (CDK2AP2) is a member of the CDK2AP family. CDK2-associated protein is assumed to negatively regulate CDK2 activity by sequestering monomeric CDK2, and targeting CDK2 for proteolysis. CDK2AP2 is implicated in the regulation of self-renewal of stem cells during early embryogenesis. CDK2AP2 is a regulator for self-renewal of mESCs (mouse embryonic stem cells) under permissive conditions, and cell survival during differentiation of the mESCs into terminally differentiated cell types.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Background**

CDK2AP2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 149 amino acids (1-126 a.a) and having a molecular mass of 15.5kDa. CDK2AP2 is fused to a 23 amino acid His-tag at N-terminus & purified by

**Caution: Product has not been fully validated for medical applications. For research use only.**

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA

---

---

## Product Data Sheet

---

proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**  
**Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com**  
**Address: 10292 Central Ave. #205, Montclair, CA, USA**