

# Recombinant human SKP1 protein

Catalog Number: ATGP0430

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-160aa

### UniProt No.

P63208

### NCBI Accession No.

NP\_008861.2

### Alternative Names

S-phase kinase-associated protein 1 isoform a, EMC19, MGC34403, OCP-II, OCP2, p19A, SKP1A, TCEB1L, S-phase kinase-associated protein 1 isoform a Cyclin A/CDK2 associated p19, Cyclin A/CDK2 associated protein p19, MGC34403, OCP 2, OCP II, OCP II protein, OCP II, Organ of Corti protein 2, p19skp1, RNA polymerase II elongation factor like protein, RNA polymerase II elongation factor like protein OCP2, S phase kinase associated protein 1, S phase kinase associated protein 1A, S phase kinase associated protein 1A p19A, SIII, Skp 1, SKP 1A, Transcription elongation factor B, Transcription Elongation Factor B 1 like, Transcription elongation factor B SIII polypeptide 1 like.

## PRODUCT SPECIFICATION

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### Molecular Weight

18 kDa (160aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 50mM NaCl, 10% glycerol

### Purity

> 90% by SDS-PAGE

### Tag

Non-Tagged

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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# Recombinant human SKP1 protein

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## Description

S-phase kinase-associated protein 1, also known as SKP1, is an F-box protein which functions as a substrate recognition component of the SCF ubiquitin ligase complex. It binds to proteins containing an F-box motif, such as cyclin F, S-phase kinase-associated protein 2, and other regulatory proteins involved in ubiquitin dependent proteolysis. It is also involved in the control of beta-catenin levels and the activity of beta-catenin dependent TCF transcription factors. Recombinant human SKP1 protein was expressed in *E. coli* and purified by using conventional chromatography techniques.

## Amino acid Sequence

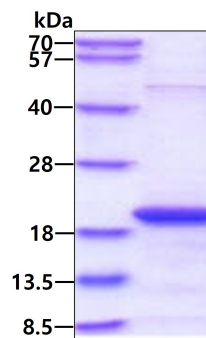
MPSIKLQSSD GEIFEVDVEI AKQSVTIKTM LEDLGMDDDEG DDDPVPLPNV NAAILKKVIQ WCTHHKDDPP PPEDDENKEK RTDDIPVWDQ EFLKVDQGT L FELILAANYL DIKGLLDVTC KTVANMIK GK TPEEIRKTFN IKNDFTEEEE AQVGSTQFCL

## General References

Cenciarelli C., et al. (1999) *Curr Biol.* 9(20): 1177-9.  
Min KW., et al. (2003) *J Biol Chem.* 278(18):15905-10.

## DATA

### SDS-PAGE



3 $\mu$ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.