Recombinant Human S-phase Kinase-associated Protein 1

Cat. No. SKP1-1822H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SKP1 protein was expressed in *E.coli* and purified by using conventional chromatography techniques. MW = 18 kDa (160aa).
Species	Human
Source	E.coli
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.
Amino Acid Sequence	MPSIKLQSSD GEIFEVDVEI AKQSVTIKTM LEDLGMDDEG DDDPVPLPNV NAAILKKVIQ WCTHHKDDPP PPEDDENKEK RTDDIPVWDQ EFLKVDQGTL FELILAANYL DIKGLLDVTC KTVANMIKGK TPEEIRKTFN IKNDFTEEEE AQVGSTQFCL
Form	Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 50mM NaCl, 10% glycerol.
Purity	> 90% by SDS – PAGE.
Concentration	1 mg/ml (determined by Bradford assay).

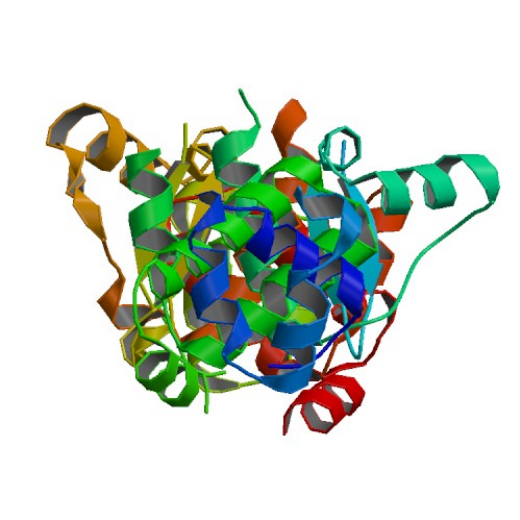
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Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

GENE INFORMATION

Gene Name	SKP1 S-phase kinase-associated protein 1 [Homo sapiens]
Synonyms	SKP1; S-phase kinase-associated protein 1; OCP2; p19A; EMC19; SKP1A; OCP-II; TCEB1L; MGC34403; organ of Corti protein 2; cyclin A/CDK2-associated p19; RNA polymerase II elongation factor-like protein OCP2; transcription elongation factor B (SIII), polypeptide 1-like; S-phase kinase-associated protein 1A (p19A); Cyclin A/CDK2-associated protein p19; p19skp1; RNA polymerase II elongation factor-like protein; Organ of Corti protein 2; OCP-2; Transcription elongation factor B; SIII; cyclin A/CDK2-associated p19
Gene ID	6500
mRNA Refseq	NM_006930
Protein Refseq	NP_008861
MIM	601434
UniProt ID	P63208
Chromosome Location	5q31
Pathway	Cell cycle; TGF-beta signaling pathway; Ubiquitin mediated proteolysis; Wnt signaling pathway

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Function	protein binding
PDB rendering based on 1fs1.	

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