Recombinant Human SKP1

Cat. No. SKP1-31409TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Skp1 isoform 2 , predicted MWt 18kDa.
Species	Human
Source	E.coli
ProteinLength	160 amino acids
Description	This gene encodes a component of SCF complexes, which are composed of this protein, cullin 1, a ring-box protein, and one member of the F-box family of proteins. This protein binds directly to the F-box motif found in F-box proteins. SCF complexes are involved in the regulated ubiquitination of specific protein substrates, which targets them for degradation by the proteosome. Specific F-box proteins recognize different target protein(s), and many specific SCF substrates have been identified including regulators of cell cycle progression and development. Studies have also characterized the protein as an RNA polymerase II elongation factor. Alternative splicing of this gene results in two transcript variants. A related pseudogene has been identified on chromosome 7.
Molecular Weight	18.000kDa
Form	Liquid
Purity	>90% by SDS-PAGE

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Storage buffer	pH: 8.00Constituents:0.32% Tris HCl, 0.29% Sodium chloride, 10% Glycerol
Storage	Please see Notes section
Sequences of amino acids	MPSIKLQSSD GEIFEVDVEI AKQSVTIKTM LEDLGMDDEG DDDPVPLPNV NAAILKKVIQ WCTHHKDDPP PPEDDENKEK RTDDIPVWDQ EFLKVDQGTL FELILAANYL DIKGLLDVTC KTVANMIKGK TPEEIRKTFN IKNDFTEEEE AQVGSTQFCL
Sequence Similarities	Belongs to the SKP1 family.

GENE INFORMATION

Gene Name	SKP1 S-phase kinase-associated protein 1 [Homo sapiens]
Official Symbol	SKP1
Synonyms	SKP1; S-phase kinase-associated protein 1; S phase kinase associated protein 1A (p19A) , SKP1A; EMC19; MGC34403; OCP II; OCP2; p19A; TCEB1L;
Gene ID	6500
mRNA Refseq	NM_006930
Protein Refseq	NP_008861
MIM	601434
Uniprot ID	P63208
Chromosome	5q31

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Location	
Pathway	APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Canonical Wnt signaling pathway, organism-specific biosystem;
Function	protein binding; ubiquitin-protein ligase activity;

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