

## Recombinant Human SKP1

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human Skp1 isoform 2 , predicted MWt 18kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	160 amino acids
<b>Description</b>	<p>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 proteasome. 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.</p>
<b>Molecular Weight</b>	18.000kDa
<b>Form</b>	Liquid
<b>Purity</b>	>90% by SDS-PAGE

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<b>Storage buffer</b>	pH: 8.00 Constituents: 0.32% Tris HCl, 0.29% Sodium chloride, 10% Glycerol
<b>Storage</b>	Please see Notes section
<b>Sequences of amino acids</b>	MPSIKLQSSD GEIFEVDVEI AKQSVTIKTM LEDLGMDDEG DDDPVPLPNV NAAILKKVIQ WCTHHKDDPP PPEDDENKEK RTDDIPVWDQ EFLKVDQGTL FELILAANYL DIKGLLDVTC KTVANMIKGGK TPPEIRKTFN IKNDFTEEEE AQVGSTQFCL
<b>Sequence Similarities</b>	Belongs to the SKP1 family.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	SKP1 S-phase kinase-associated protein 1 [ Homo sapiens ]
<b>Official Symbol</b>	SKP1
<b>Synonyms</b>	SKP1; S-phase kinase-associated protein 1; S phase kinase associated protein 1A (p19A) , SKP1A; EMC19; MGC34403; OCP II; OCP2; p19A; TCEB1L;
<b>Gene ID</b>	6500
<b>mRNA Refseq</b>	NM_006930
<b>Protein Refseq</b>	NP_008861
<b>MIM</b>	601434
<b>Uniprot ID</b>	P63208
<b>Chromosome</b>	5q31

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<b>Location</b>	
<b>Pathway</b>	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;
<b>Function</b>	protein binding; ubiquitin-protein ligase activity;

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