

Recombinant Human SKP1

Cat. No. SKP1-31408TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human Skp1 (isoform a); amino acids 1-160 (160aa), 18 kDa.
Species	Human
Source	E.coli
ProteinLength	1-160 a.a.
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 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.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 10% Glycerol, 50mM Sodium chloride, 20mM Tris

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	HCl, pH 8.0
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Belongs to the SKP1 family.
Full Length	Full L.

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 Location	5q31

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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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