

Recombinant Human SKP1 293 Cell Lysate

Cat. No. SKP1-1813HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for S-phase kinase-associated protein 1 (SKP1), transcript variant 2 is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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; SIII; OCP-2; p19skp1; organ of Corti protein 2; organ of Corti protein II; cyclin A/CDK2-associated p19; transcription elongation factor B; cyclin A/CDK2-associated protein p19; cyclin-A/CDK2-associated protein p19; RNA polymerase II elongation factor-like protein OCP2; SKP1A; OCP-II;

Gene ID

6500

mRNA Refseq

NM_006930

Protein Refseq

NP_008861

MIM

601434

UniProt ID

P63208

Chromosome Location

5q31

Pathway

APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem;

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Activation of NF-kappaB in B Cells, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination and Proteasome degradation, organism-specific biosystem; Canonical Wnt signaling pathway, organism-specific biosystem; Cell Cycle, organism-specific biosystem;

Function

protein binding; ubiquitin-protein ligase activity;

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