

## SKP1 Alpha Human

**Description:** Recombinant Human SKP1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 160 amino acids (1-160 a.a.) and having a molecular mass of 18kDa. SKP1 is purified by proprietary chromatographic techniques.

Catalog #: PKPS-363

**Synonyms:** SKP-1, EMC19, MGC34403, OCP-II, OCP2, p19A, SKP1A, TCEB1L, S-phase kinase-associated protein 1, Cyclin-A/CDK2-associated protein p19, p19skp1, RNA polymerase II elongation factor-like protein, Organ of Corti protein 2, OCP-2, Organ of Corti protein II, Tr

For research use only.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile filtered colorless solution.

**Amino Acid Sequence:** MPSIKLQSSD GEIFEVDVEI AKQSVTIKTM LEDLGMDDDEG  
DDDPVPLPNV NAAILKKVIQ WCTHHKDDPP PPEDDENKEK RTDDIPVWDQ EFLKVDQGTL  
FELILAANYL DIKGLLDVTC KTVANMIKGGK TPPEIRKTFN IKNDFTEEEE AQVGSTQFCL.

**Purity:** Greater than 90.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

**Formulation:**

The SKP1 protein solution contains 20mM Tris-HCl, pH-8, 10% glycerol and 50mM NaCl.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

SKP1 is a F-box enzyme which functions as a substrate recognition component of the SCF ubiquitin ligase complex which controls the ubiquitination of proteins involved in cell cycle progression, signal transduction and transcription. SKP1 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. SKP1 takes part in the control of beta-catenin levels and the activity of beta-catenin dependent TCF transcription factors. SKP1 serves as an adapter that links the F-box protein to CUL1 in the SCF complex.

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