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SKP1 Alpha Human

Catalog #:PKPS-363

For research use only.

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.

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

Source: Escherichia Coli.

Physical Appearance: Sterile filtered colorless solution.

Amino Acid Sequence:MPSIKLQSSD GEIFEVDVEI AKQSVTIKTM LEDLGMDDEG DDDPVPLPNV NAAILKKVIQ WCTHHKDDPP PPEDDENKEK RTDDIPVWDQ EFLKVDQGTL FELILAANYL DIKGLLDVTC KTVANMIKGK TPEEIRKTFN 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 drμgs, 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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