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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

SKP2 (Human) Recombinant Protein (P01)

Catalog Number: H00006502-P01

Regulation Status: For research use only (RUO)

Product Description: Human SKP2 full-length ORF (NP_005974.2, 1 a.a. - 424 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MHRKHLQEIPDLSSNVATSFTWGWDSKTSSELLSGM
GVSALKEEPPDENIPQELLSNLGHPESP RRKRLKSKG
SDKDFVIVRRPKLNRENFPGVSWDSLPEDELLGIFSC
LPELLKVSQVCKRWYRLASDESLWQTLDLTGKLNHP
DVTGRLLSQGVIAFRCP RSMFMDQPLAEHFSPFRVQHM
DLSNSVIEVSTLHGILSQCSKLNLSLEGLRLSDPIVNT
LAKNSNLVRLNLSGCSGFSEFALQTLSSCSRLDELNL
SWCFDFTEKHVQVAVAHVSETITQLNLSGYRKNLQKS
DLSTLVRRCPNLVHLDLSDSVMLKNDCFQEFFQLNYL
QHLSLSRCYDIIPETLLELGEIPTLKTQVFGIVPDGTLQ
LLKEALPHLQINCSHF TTIARPTIGNKKNQEIWGIKRLT
LQKPSCL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 74.2

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6502

Gene Symbol: SKP2

Gene Alias: FBL1, FBXL1, FLB1, MGC1366

Gene Summary: This gene encodes a member of the F-box protein family which is characterized by an approximately 40 amino acid motif, the F-box. The F-box proteins constitute one of the four subunits of ubiquitin protein ligase complex called SCFs (SKP1-cullin-F-box), which function in phosphorylation-dependent ubiquitination. The F-box proteins are divided into 3 classes: Fbws containing WD-40 domains, Fbls containing leucine-rich repeats, and Fbxs containing either different protein-protein interaction modules or no recognizable motifs. The protein encoded by this gene belongs to the Fbls class; in addition to an F-box, this protein contains 10 tandem leucine-rich repeats. This protein is an essential element of the cyclin A-CDK2 S-phase kinase. It specifically recognizes phosphorylated cyclin-dependent kinase inhibitor 1B (CDKN1B, also referred to as p27 or KIP1) predominantly in S phase and interacts with S-phase kinase-associated protein 1 (SKP1 or p19). In addition, this gene is established as a protooncogene causally involved in the pathogenesis of lymphomas. Alternative splicing of this gene generates 2 transcript variants encoding different isoforms. [provided by RefSeq]