

YBC847Hu01 50µg

Recombinant S-Phase Kinase Associated Protein 2 (SKP2)

Organism Species: Homo sapiens (Human)

*Instruction manual*

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

## [ PROPERTIES ]

Residues: Lys43~Ala397

Tags: Two N-terminal Tags, His-tag and T7-tag

Accession: Q13309

Host: *E. coli*

Subcellular Location: Cytoplasm , nucleus. Purity:  
>90%

Endotoxin Level: <1.0EU per 1µg (determined by the  
LAL method).

Formulation: Supplied as lyophilized form in  
100mM NaHCO<sub>3</sub>, 500mM NaCl, pH8.3, containing  
1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%  
trehalose, and preservative.

Predicted isoelectric point: 6.1

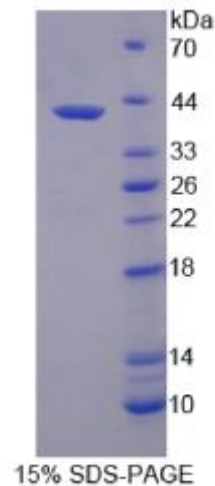
Predicted Molecular Mass: 43.7kDa

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

## [ USAGE ]

Reconstitute in sterile ddH<sub>2</sub>O.



## **[ STORAGE AND STABILITY ]**

**Storage: Avoid repeated freeze/thaw cycles.**

**Store at 2-8°C for one month.**

**Aliquot and store at -80°C for 12 months.**

**Stability Test:** The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

## **[ SEQUENCES ]**

**The sequence of the target protein is listed below.**

**KEEPDSEN IPQELLSNLG HPESPPrKRL KSKGSDKDFV IVRRPKLNRE NFPGVSWDSL  
PDELLLGIFS CLCLPELLKV SGVCKRWYRL ASDESLWQTL DLTGKNLHPD VTGRLLSQGV  
IAFRCPRFSM DQPLAEHFSP FRVQHMDLSN SVIEVSTLHG ILSQCCKLQN LSLEGLRLSD  
PIVNTLAKNS NLVRLNLSGC SGFSEFALQT LLSSCSRLDE LNLSWCFDFT EKHVQVAVAH  
VSETITQLNL SGYRKNLQKS DLSTLVRRCP NLVHLDLSDS VMLKNDCFQE FFQLNYLQHL  
SLSRCYDIIP ETLLELGEIP TLKTLQVFGI VPDGTLQLLK EALPHLQINC SHFTTIA**

## **[ REFERENCES ]**

- 1. Zhang H., *et al.* (1995) Cell 82:915-925.**
- 2. Tedesco D., *et al.* (2002) Genes Dev. 16:2946-2957.**
- 3. Li X., *et al.* (2003) J. Biol. Chem. 278:30854-30858.**
- 4. von der Lehr N., *et al.* (2003) Mol. Cell 11:1189-1200.**