NKMAXBIO We support you, we believe in your research

Recombinant human UBC3B/UBE2R2 protein

Catalog Number: ATGP2374

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-238aa

UniProt No.

0712K3

NCBI Accession No.

NP 060281

Alternative Names

Ubiquitin-conjugating enzyme E2 R2, E2 ubiquitin-conjugating enzyme R2, Ubiquitin carrier protein R2, Ubiquitin-conjugating enzyme E2-CDC34B, Ubiquitin-protein ligase R2, CDC34B, UBC3B

PRODUCT SPECIFICATION

Molecular Weight

29.6 kDa (261aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

Concentration

0.25mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

UBE2R2 is a ubiquitous and pleiotropic Ser/Thr protein kinase involved in cell growth and transformation. This protein is a protein similar to the E2 ubiquitin conjugating enzyme UBC3/CDC34. Studies suggest that CK2-dependent phosphorylation of this ubiquitin-conjugating enzyme functions by regulating beta-TrCP substrate recognition and induces its interaction with beta-TrCP, enhancing beta-catenin degradation. Recombinant human UBE2R2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional



NKMAXBio We support you, we believe in your research

Recombinant human UBC3B/UBE2R2 protein

Catalog Number: ATGP2374

chromatography techniques.

Amino acid Sequence

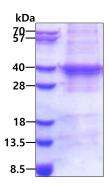
<MGSSHHHHHH SSGLVPRGSH MGS>MAQQQMT SSQKALMLEL KSLQEEPVEG FRITLVDESD LYNWEVAIFG PPNTLYEGGY FKAHIKFPID YPYSPPTFRF LTKMWHPNIY ENGDVCISIL HPPVDDPQSG ELPSERWNPT QNVRTILLSV ISLLNEPNTF SPANVDASVM FRKWRDSKGK DKEYAEIIRK QVSATKAEAE KDGVKVPTTL AEYCIKTKVP SNDNSSDLLY DDLYDDDIDD EDEEEEDADC YDDDDSGNEE S

General References

Yoshida, T., et al. (2010) Int. J. Mol. Med. 25 (4), 649-656 Oguri, M., et al. (2006) Am. J. Hypertens. 23 (1), 70-77

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

