NKMAXBIO We support you, we believe in your research

Recombinant human Ubc2/UBE2B protein

Catalog Number: ATGP0569

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-152aa

UniProt No.

P63146

NCBI Accession No.

NP 003328

Alternative Names

Ubiquitin-conjugating enzyme E2 B, E2 ubiquitin-conjugating enzyme B, RAD6 homolog B, RAD6B HR6B, hHR6B, Ubiquitin carrier protein B, Ubiquitin-conjugating enzyme E2-17 kDa, Ubiquitin-protein ligase B, Ubc2

PRODUCT SPECIFICATION

Molecular Weight

21.4 kDa (188aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1M NaCl

Purity

> 90% 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

uBE2B, also known as ubiquitin-conjugating enzyme E2 B, belongs to E2 ubiquitin-conjugating enzyme family. This protein catalyzes the covalent attachment of ubiquitin to other proteins, and associates to the E3 ligase RAD18 to form the uBE2B-RAD18 ubiquitin ligase complex involved in mono-ubiquitination of DNA-associated PCNA on 'Lys-164'. It is required for postreplication repair of uV-damaged DNA. It may be involved in neurite outgrowth. Recombinant human uBE2B protein, fused to His-tag at N-terminus, was expressed in E. coli and



NKMAXBio We support you, we believe in your research

Recombinant human Ubc2/UBE2B protein

Catalog Number: ATGP0569

purified by using conventional chromatography techniques.

Amino acid Sequence

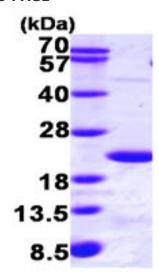
MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMSTP ARRRLMRDFK RLQEDPPVGV SGAPSENNIM QWNAVIFGPE GTPFEDGTFK LVIEFSEEYP NKPPTVRFLS KMFHPNVYAD GSICLDILQN RWSPTYDVSS ILTSIQSLLD EPNPNSPANS QAAQLYQENK REYEKRVSAI VEQSWNDS

General References

Koken MH. et al. (1996) Dev Biol. 173(1):119-32. Xin H, et al. (2000) Nucleic Acids Res.. 28(14):2847-54

DATA

SDS-PAGE



15% SDS-PAGE (3ug)

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

