Recombinant human UbcH5b/UBE2D2 protein

Catalog Number: ATGP1147

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-147aa

UniProt No.
P62837

NCBI Accession No.
NP_003330

Alternative Names
Ubiquitin-conjugating enzyme E2 D2, Ubiquitin carrier protein D2, Ubiquitin-conjugating enzyme E2(17)KB 2, Ubiquitin-conjugating enzyme E2-17 kDa 2, Ubiquitin-protein ligase D2, p53-regulated ubiquitin-conjugating enzyme 1, PUBC1, UBC4, UBC5B, UBCH4, UBCH5B

PRODUCT SPECIFICATION

Molecular Weight
18.9 kDa (167aa) 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, 1mM DTT, 0.1M NaCl.

Purity
> 95% 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
uBE2D2 is a member of the E2 ubiquitin-conjugating enzyme family. This enzyme functions in the ubiquitination of the tumor-suppressor protein p53, which is induced by an E3 ubiquitin-protein ligase. uBE2D2 catalyzes ubiquitination of IkB-alpha in a phosphorylation and SCFB-TRCP dependent manner. Recombinant human uBE2D2 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional

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chromatography techniques.

Amino acid Sequence

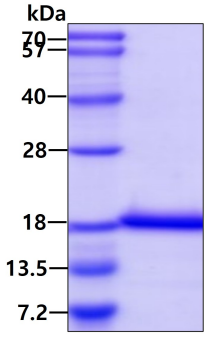
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General References

Ciechanover A., et al. (1994) FASEB J. 8(2):182-19.
Orian A., et al. (1995) J Biol Chem. 270(37):21707-14.

DATA

SDS-PAGE



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