

Recombinant human UBE2Z protein

Catalog Number: ATGP2726

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-246aa

UniProt No.

Q9H832

NCBI Accession No.

AAH15890

Alternative Names

Ubiquitin-conjugating enzyme E2 Z, E2 ubiquitin-conjugating enzyme Z, Uba6-specific E2 conjugating enzyme 1, Use1, Ubiquitin carrier protein Z, Ubiquitin-protein ligase Z, HOYS7

PRODUCT SPECIFICATION

Molecular Weight

30.5 kDa (269aa) confirmed by MALDI-TOF

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

> 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

UBE2z belongs to the ubiquitin-conjugating enzyme family. This protein catalyzes the covalent attachment of ubiquitin to other proteins. It is a specific substrate for UBA6, not charged with ubiquitin by UBE1 and may be involved in apoptosis regulation. Recombinant human UBE2Z protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

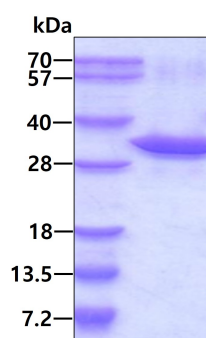
<MGSSHHHHHH SSGLVPRGSH MGS>MSIYKEP PPGMFVVPDT VDMTKIHALI TGPFDTPYEG GFFLFVFRCP PDYPIHPPRV
KLMTTGNNNTV RFNPNFYRNG KVCLSILGTW TGPAWSPAQS ISSVLISIQS LMTENPYHNE PGFEQERHPG DSKNYNECIR
HETIRVAVCD MMEGKCPCPE PLRGVMEKSF LEYYDFYEVA CKDRLHLQGQ TMQDPFGEKR GHFDYQSLLM RLGLIRQKVL
ERLHNENAEM DSDSSSSSGTE TDLHGSLRV

General References

Gu X, Zhao F., et al. (2007) Mol Biol Rep. 34(3):183-8

DATA

SDS-PAGE



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