

Recombinant Human UBE2Z, His-tagged

Cat. No. UBE2Z-233H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	UBE2Z, 1-246aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-246aa
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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT
Molecular Mass	30.5 kDa (269aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMsiYKEP PPGMFVVPDT VDMTKIHALI TGPFDTPTYEG GFFLFVFRCP PDYPIHPPRV KLMTTGNNTV RFNPNFYRNG KVCLSILGTW TGPAWSPAQS ISSVLISIQS LMTENPYHNE PGFEQERHPG DSKNYNECIR HETIRVAVCD MMEGKPCPE PLRGVMEKSF LEYYDFYEVA CKDRLHLQGQ TMQDPFGEKR GHFDYQSLLM RLGLIRQKVL ERLHNENAEM DSDSSSSGTE TDLHGSLRV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>95% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	UBE2Z ubiquitin-conjugating enzyme E2Z [Homo sapiens]
Official Symbol	UBE2Z
Synonyms	UBE2Z; ubiquitin-conjugating enzyme E2Z; ubiquitin-conjugating enzyme E2 Z; FLJ13855; UBA6 specific enzyme E2; USE1; UBA6-specific enzyme E2; ubiquitin-protein ligase Z; ubiquitin carrier protein Z; uba6-specific E2 conjugating enzyme 1; HOYS7;
Gene ID	65264
mRNA Refseq	NM_023079
Protein Refseq	NP_075567
MIM	611362
UniProt ID	Q9H832
Chromosome Location	17q21.32
Pathway	Adaptive Immune System, organism-specific biosystem; Antigen processing:

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Ubiquitination and Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem; Ubiquitin mediated proteolysis, organism-specific biosystem;

Function

ATP binding; acid-amino acid ligase activity; ligase activity; nucleotide binding; ubiquitin-protein ligase activity;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA