

## Recombinant Human UBE2Z, His-tagged

Cat. No. UBE2Z-211H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human UBE2Z (USE1) (109-end) was expressed in E. coli cells using an N-terminal His tag.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	109-end a.a.
<b>Description</b>	<p>UBE2Z(USE1) encodes the ubiquitin conjugating enzyme (E2) which is involved in Ubiquitination, the covalent attachment of the protein ubiquitin (Ub) to other cellular proteins. UBE2Z plays an important role in the ubiquitin process and has been implicated in a number of important physiological processes including apoptosis. UBE2Z is specifically charged with ubiquitin by UBA6. UBE2Z is widely expressed in human tissues and expression is especially high in placenta, pancreas, spleen and testis.</p>
<b>Form</b>	Recombinant protein stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
<b>Molecular Mass</b>	~30 kDa
<b>Purity</b>	>80% by densitometry
<b>Applications</b>	Western Blot

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

<b>Storage</b>	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
<b>Concentration</b>	0.1 µg/µl
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	UBE2Z ubiquitin-conjugating enzyme E2Z [ Homo sapiens ]
<b>Official Symbol</b>	UBE2Z
<b>Synonyms</b>	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;
<b>Gene ID</b>	65264
<b>mRNA Refseq</b>	NM_023079
<b>Protein Refseq</b>	NP_075567
<b>MIM</b>	611362
<b>UniProt ID</b>	Q9H832
<b>Chromosome Location</b>	17q21.32
<b>Pathway</b>	Adaptive Immune System, organism-specific biosystem; Antigen processing:

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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



Ubiquitination & 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](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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