

## UBE2Z Protein, Human, Recombinant (His)

### General Information

Synonyms:	Uba6-Specific E2 Conjugating Enzyme 1; Ubiquitin Carrier Protein Z; Ubiquitin-Protein Ligase Z; HOYS7; Use1; UBE2Z; Ubiquitin-Conjugating Enzyme E2 Z
Protein Construction:	Met1-Val246
Species:	Human
Expression Host:	E. coli
Accession:	Q9H832-2
Molecular Weight:	32 KDa (reducing condition)
AA Sequence:	Met1-Val246

### QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 90% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Supplied as a 0.2 μm filtered solution of 50 mM HEPES, 50 mM NaCl, pH 8.0.

### Preparation and Storage

#### Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

#### Shipping:

Proteins are shipped with blue ice.

### Protein Background

Ubiquitin-Conjugating Enzyme E2 Z (ZUBE2Z) is a member of the E2 ubiquitin-conjugating enzyme family. ZUBE2Z is widely expressed in many tissues, with high expression found in the placenta, pancreas, spleen, and testis. It is ubiquitinates proteins that catalyze the covalent attachment of ubiquitin to other proteins. It has shown that ZUBE2Z participate in signaling pathways, and may be involved in apoptosis regulation.

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