

Ubiquitin Conjugating Enzyme E2Z Human Recombinant

Item Number	rAP-2100
Synonyms	HOYS7, USE1, Ubiquitin-conjugating enzyme E2 Z, E2 ubiquitin-conjugating enzyme Z, Uba6-specific E2 conjugating enzyme 1, Ubiquitin carrier protein Z, Ubiquitin-protein ligase Z, UBE2Z.
Description	UBE2Z Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 269 amino acids (1-246a.a) and having a molecular mass of 30.5kDa. UBE2Z is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9H832
Amino Acid Sequence	MGSSHHHHHH SSSLVPRGSH MGSMSIYKEP PPGMFVVPDT VDMTKIHALI TGPFDTPYEG GFFLFVFRCP PDYPIHPPRV KLMTTGNNTV RFNPNFYRNG KVCLSILGTW TGPAWSPAQS ISSVLISIQS LMTENPYHNE PGFEQERHPG DSKNYNECIR HETIRVAVCD MMEGKPCPE PLRGVMEKSF LEYYD- FYEVA CKDRLHLQGG TMQDPFGEKR GHFDYQSLLM RLGLIRQKVL ERLHNENAEM DSDSSSSGTE TDLHGSLRV.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The UBE2Z solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**