
Product Data Sheet

Product Name: UBE2Z Human
 Cat. No.: GP22371
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
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.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSIYKEP PPGMFVVPDT VDMTKIHALI TGPFDTPYEG GFFLFVFRCP PDYPIHPPRV KLMTTGNNTV RFNPNFYRNG KVCLSILGTW TGPAWSPAQS ISSVLISIQS LMTENPYHNE PGFEQERHPG DSKNYNECIR HETIRVAVCD MMEGKPCPE PLRGVMEKSF LEYYDFYEVA CKDRLHLQGQ TMQDPFGEKR GHFDYQSLLM RLGLIRQKVL ERLHNENAEM DSDSSSSGTE TDLHGSLRV.		
Formulation	The UBE2Z solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.		

Introduction

Ubiquitin Conjugating Enzyme E2Z, also known as UBE2z, is a protein coding gene which is a part of the ubiquitin-conjugating enzyme family. UBE2z catalyzes the covalent attachment of ubiquitin to various proteins. UBE2z takes part in apoptosis regulation and is also a specific substrate for UBA6, not charged with ubiquitin by UBE1.

Stability

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.

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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UBE2Z is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

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