

Datasheet for 009-001-U28S**UBE2B protein-HIS Epitope****Overview**

Description:	UBE2B recombinant protein-HIS Epitope - 009-001-U28S
Item No.:	009-001-U28S
Size:	20 µg
Origin:	Human
Expressed in:	E. coli

Product Details

Background:	UBE2B or ubiquitin-conjugating enzyme E2B is a member of the E2 ubiquitin-conjugating enzyme family which is required for post-replicative DNA damage repair. UBE2B is specifically important during chronic low-dose ultraviolet exposure to prevent counterproductive DNA checkpoint activation and allow cells to proliferate normally (1). The activity of UBE2B is required within the synaptonemal complex and for meiotic recombination in spermatocytes (2). Experimental inactivation of the UBE2B gene in mice causes male infertility. UBE2B Protein is ideal for investigators involved in Signaling Proteins, Ubiquitin Proteins, Cancer, Cell Cycle, and Neurobiology research.
Synonyms:	E2-17kDa, HHR6B, HR6B, RAD6B, UBC2, Ubiquitin-conjugating enzyme E2 B
Species of Origin:	Human
Expressed in:	E. coli
Type:	Recombinant Protein

Target Details

Gene Name:	UBE2B
Purity/Specificity:	Recombinant full length human UBE2B was expressed in E. coli cells using an N-Terminal his epitope. The purity was determined to be >90% by densitometry.
Relevant Links:	• NCBI - NM_003337

Application Details

Application Note:	UBE2B Protein is stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol. UBE2B Protein is suitable for use in Western Blot. Expect a band approximately ~17kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
WB:	User Optimized

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	0.1 µg/µL
Buffer:	See application note.

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store product at -70°C. 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.
Expiration:	Expiration date is one (1) year from date of receipt.

Disclaimer

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