Datasheet for ABIN6700804

UBE2B Protein (His tag)

Go to Product page

Overview

Quantity:	20 µg
Target:	UBE2B
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBE2B protein is labelled with His tag.
Application:	Western Blotting (WB)

Product Details

Purpose:	UBE2B recombinant protein-HIS Epitope
Purification:	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.
Purity:	>90%

Target Details

Target:	UBE2B
Alternative Name:	UBE2B (UBE2B Products)
Target Type:	Viral Protein
Background:	Synonyms: E2-17 kDa, HHR6B, HR6B, RAD6B, UBC2, Ubiquitin-conjugating enzyme E2 B 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

Target Details

	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.
NCBI Accession:	NM_003337

Application Details

Application Notes:	Western_Blot_Dilution: User Optimized Application_Note: UBE2B Protein is suitable for use in Western Blot. Expect a band approximately ~17 kDa on specific lysates or tissues. Specific conditions for reactivity should be optimized by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1 µg/µL
Buffer:	UBE2B Protein is stored in 50 mM sodium phosphate, pH 7.0, 300 mM NaCl, 150 mM imidazole, 0.1 mM PMSF, 0.25 mM DTT, 25 % glycerol.
Storage:	-80 °C
Storage Comment:	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.
Expiry Date:	12 months