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Datasheet for ABIN6700832 **UBE2R2 Protein (His tag)**

Overview

Quantity:	20 µg
Target:	UBE2R2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBE2R2 protein is labelled with His tag.
Application:	Western Blotting (WB)

Product Details

Purpose:	UBE2R2(UBC3B) recombinant protein-HIS Epitope
Purification:	Recombinant human UBE2R2 (UBC3B) (2-end) 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:	UBE2R2
Alternative Name:	UBE2R2 (UBE2R2 Products)
Background:	Synonyms: CDC34B, E2-CDC34B, UBC3B, Ubiquitin-conjugating enzyme E2 R2 Background: UBE2R2 (UBC3B) or ubiquitin-conjugating enzyme E2R 2 encodes a protein similar to the E2 ubiquitin conjugating enzyme UBC3/CDC34. CK2-dependent phosphorylation of this ubiquitin-conjugating enzyme functions by regulating beta-TrCP substrate recognition and

Target Details

induces its interaction with beta-TrCP thereby enhancing beta-catenin degradation. CK2-dependent phosphorylation of CDC34 and UBC3B functions by regulating BTRC substrate recognition (1). UBE2R2 complements a yeast cdc34 temperature-sensitive mutant. Deletion and site-directed mutagenesis demonstrated that CK2 phosphorylated UBE2R2 in the C-terminal domain at serine-233, mutagenesis of the corresponding serine residue at position 231 of human CDC34/UBC3 showed that this was the major CK2-phosphorylation site in this protein. UBE2R2 Protein is ideal for investigators involved in Signaling Proteins, Ubiquitin Proteins, Cancer, Cell Cycle, and Neurobiology research.

NCBI Accession: [NM_017811](#)

Application Details

Application Notes: Western_Blot_Dilution: User Optimized
Application_Note: UBE2R2 Protein is suitable for use in Western Blot. Expect a band approximately ~32 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: UBE2R2 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