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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet for 009-001-U43S

UBE2R2 (UBC3B) protein-HIS Epitope**Overview**

Description:	UBE2R2(UBC3B) recombinant protein-HIS Epitope - 009-001-U43S
Item No.:	009-001-U43S
Size:	20 µg
Origin:	Human
Expressed in:	E. coli

Product Details

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 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.
Synonyms:	CDC34B, E2-CDC34B, UBC3B, Ubiquitin-conjugating enzyme E2 R2
Species of Origin:	Human
Expressed in:	E. coli
Type:	Recombinant Protein

Target Details

Gene Name:	UBE2R2
Purity/Specificity:	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.
Relevant Links:	<ul style="list-style-type: none">• NCBI - NM_017811

Application Details

Application Note:	UBE2R2 Protein is stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol. UBE2R2 Protein is suitable for use in Western Blot. Expect a band approximately ~32kDa 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

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.

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