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Datasheet for 009-001-U32S

UBE2D3 (UBCH5C) protein-HIS Epitope

Overview

Description:	UBE2D3(UBCH5C) recombinant protein-HIS Epitope - 009-001-U32S
Item No.:	009-001-U32S
Size:	20 µg
Reactivity:	H. sapiens (Human)
Origin:	Human
Expressed in:	E. coli

Product Details

Background:	UBE2D3 also known as UBCH5C or ubiquitin-conjugating enzyme E2D 3 is a member of the E2 ubiquitin-conjugating enzyme family which is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. UBE2D3 is involved in RA-induced cell cycle arrest and as a mediator of all-trans retinoic acid-induced cell growth arrest in human acute promyelocytic NB4 cells (1). UBE2D3 functions in the ubiquitination of the tumor-suppressor protein p53, which is induced by an E3 ubiquitin-protein ligase and is critical for normal cellular, tissue, and organismal physiology (2). UBE2D3 Protein is ideal for investigators involved in Signaling Proteins, Ubiquitin Proteins, Cancer, Cell Cycle, and Neurobiology research.
Synonyms:	E2(17)KB3, UBC4/5, UBCH5C, Ubiquitin-conjugating enzyme E2 D3
Species of Origin:	Human
Expressed in:	E. coli
Type:	Recombinant Protein

Target Details

Gene Name:	UBE2D3
Reactivity:	H. sapiens (Human)
Purity/Specificity:	Recombinant full length human UBE2D3 (UBCH5C) was expressed in E. coli cells using an N-Terminal his epitope. The purity was determined to be >95% by densitometry.
Relevant Links:	• NCBI - NM_003340

Application Details

Application Note:	UBE2D3 Protein is stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol. UBE2D3 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

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.

www.rockland.com
tech@rockland.com
+1 484.791.3823