

Datasheet for 009-001-U30S**UBE2D1 (UBCH5A) protein-HIS Epitope****Overview**

Description:	UBE2D1 (UBCH5A) recombinant protein-HIS Epitope - 009-001-U30S
Item No.:	009-001-U30S
Size:	20 µg
Reactivity:	H. sapiens (Human)
Origin:	Human
Expressed in:	E. coli

Product Details

Background:	UBE2D1 (UBCH5A) or ubiquitin-conjugating enzyme E2D1 is a member of the E2 ubiquitin-conjugating enzyme family which is closely related to a stimulator of iron transport (SFT). UBE2D1 is significantly upregulated in livers of iron-overloaded patients with hereditary hemochromatosis (1). UBE2D1 also functions in the ubiquitination of the tumor-suppressor protein p53 and the hypoxia-inducible transcription factor HIF-1α by interacting with the E1 ubiquitin-activating enzyme and the E3 ubiquitin-protein ligases (2). UBE2D1 Protein is ideal for investigators involved in Signaling Proteins Ubiquitin Proteins, Cancer, Cell Cycle, and Neurobiology research.
Synonyms:	E2(17)KB1, SFT, UBC4/5, UBCH5, UBCH5A, Ubiquitin-conjugating enzyme E2 D1, Ubiquitin-conjugating enzyme E2-17 kDa 1, Ubiquitin-protein ligase D1
Species of Origin:	Human
Expressed in:	E. coli
Type:	Recombinant Protein

Target Details

Gene Name:	UBE2D1
Reactivity:	H. sapiens (Human)
Purity/Specificity:	Recombinant full length human UBE2D1 (UBCH5A) 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_003338

Application Details

Application Note:	UBE2D1 Protein is stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol. UBE2D1 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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