

Datasheet for 009-001-U36S**UBE2H protein-HIS Epitope****Overview**

Description:	UBE2H recombinant protein-HIS Epitope - 009-001-U36S
Item No.:	009-001-U36S
Size:	20 µg
Origin:	Human
Expressed in:	E. coli

Product Details

Background:	UBE2H or ubiquitin-conjugating enzyme E2H is a member of the E2 ubiquitin-conjugating enzyme family which is located on chromosome 7 (1). UBE2H is known to act on histones and cytoskeletal proteins, both involved in the degenerative pathway of the motor neuron. UBE2H expression is increased during erythroid differentiation of hCD34 (+) cells. Tal1 transcription factor, which is essential for the development of the hematopoietic system and plays a role during definitive erythropoiesis in the adult, activates UBE2H expression, whereas Tal1 knock-down reduced UBE2H expression and ubiquitin transfer activity (2). UBE2H Protein is ideal for investigators involved in Signaling Proteins, Ubiquitin Proteins, Cancer, Cell Cycle, and Neurobiology research.
Synonyms:	E2-20K, UBC8, UBCH, UBCH2, Ubiquitin-conjugating enzyme E2 H, Ubiquitin-protein ligase H
Species of Origin:	Human
Expressed in:	E. coli
Type:	Recombinant Protein

Target Details

Gene Name:	UBE2H
Purity/Specificity:	Recombinant full length human UBE2H 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_003344

Application Details

Application Note:	UBE2H Protein is stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol. UBE2H Protein is suitable for use in Western Blot. Expect a band approximately ~21kDa 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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