

Datasheet for 009-001-U40S**UBE2L6 (UBCH8) protein-HIS Epitope****Overview**

Description:	UBE2L6(UBCH8) recombinant protein-HIS Epitope - 009-001-U40S
Item No.:	009-001-U40S
Size:	20 µg
Reactivity:	H. sapiens (Human)
Origin:	Human
Expressed in:	E. coli

Product Details

Background:	UBE2L6 (UBCH8) or ubiquitin-conjugating enzyme E2L 6 is a member of the E2 ubiquitin-conjugating enzyme family which is highly similar in primary structure to the enzyme encoded by the UBE2L3 gene. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes (E1s), ubiquitin-conjugating enzymes (E2s) and ubiquitin-protein ligases (E3s) and the selective physical interaction between E2 and E3 enzymes forms the basis of specificity for functionally distinct E2-E3 combinations (1). UBE2L6 and the ubiquitin-ligase SIAH1 physically interact with and target FLT3-ITD for proteasomal degradation (2). UBE2L6 Protein is ideal for investigators involved in Signaling Proteins, Ubiquitin Proteins, Cancer, Cell Cycle, and Neurobiology research.
Synonyms:	RIG-B, UBCH8, Ubiquitin/ISG15-conjugating enzyme E2 L6, Retinoic acid-induced gene B protein, RIG-B, Ubch8, Ubiquitin carrier protein L6, Ubiquitin-protein ligase L6
Species of Origin:	Human
Expressed in:	E. coli
Type:	Recombinant Protein

Target Details

Gene Name:	UBE2L6
Reactivity:	H. sapiens (Human)
Purity/Specificity:	Recombinant full length human UBE2L6 (UBCH8) was expressed in E. coli cells using an N-Terminal his epitope. The purity was determined to be >85% by densitometry.

Relevant Links: • [NCBI - NM_004223](#)

Application Details

Application Note:	UBE2L6 Protein is stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol. UBE2L6 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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