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Datasheet for 009-001-U35S

UBE2G1 (UBC7) protein-HIS Epitope

Overview

Description:	UBE2G1 (UBC7) recombinant protein-HIS Epitope - 009-001-U35S
Item No.:	009-001-U35S
Size:	20 µg
Reactivity:	H. sapiens (Human)
Origin:	Human
Expressed in:	E. coli

Product Details

Background:	UBE2G1 (UBC7) or ubiquitin-conjugating enzyme E2G 1 is a member of the E2 ubiquitin-conjugating enzyme family and catalyzes the covalent attachment of ubiquitin to other proteins which are involved in degradation of muscle-specific proteins. UBC7 is highly expressed in skeletal muscle (1). UBC7 is involved in the selective ubiquitylation of different substrates by the same E3 complex (2). UBE2G1 Protein is ideal for investigators involved in Signaling Proteins, Ubiquitin Proteins, Cancer, Cell Cycle, and Neurobiology research.
Synonyms:	UBC7, E217K, UBE2G, Ubiquitin-conjugating enzyme E2 G1, Ubiquitin-protein ligase G1
Species of Origin:	Human
Expressed in:	E. coli
Type:	Recombinant Protein

Target Details

Gene Name:	UBE2G1
Reactivity:	H. sapiens (Human)
Purity/Specificity:	Recombinant full-length human UBE2G1 (UBC7) 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_003342

Application Details

Application Note:	UBE2G1 Protein is stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol. UBE2G1 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.

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