

Datasheet for 009-001-U41S**UBE2O protein-GST fusion****Overview**

Description:	UBE2O recombinant protein-GST fusion protein - 009-001-U41S
Item No.:	009-001-U41S
Size:	20 µg
Reactivity:	H. sapiens (Human)
Origin:	Human
Expressed in:	Sf9 cells

Product Details

Background:	UBE2O or ubiquitin-conjugating enzyme E2O is a part of the ubiquitin-mediated protein degradation pathway in which a thiol-ester linkage forms between a conserved cysteine and the C-terminus of ubiquitin and complexes with ubiquitin. HIV-1 Tat has been identified to have a physical interaction with ubiquitin-conjugating enzyme E2O (UBE2O) in human HEK293 and Jurkat cell lines by using affinity tagging and purification mass spectrometry analyses (1). UBE2O Protein is ideal for investigators involved in Signaling Proteins, Ubiquitin Proteins, Cancer, Cell Cycle, and Neurobiology research.
Synonyms:	E2-230K, FLJ12878, KIAA1734, E2/E3 hybrid ubiquitin-protein ligase UBE2O, Ubiquitin-protein ligase O, Ubiquitin-conjugating enzyme E2-230K
Species of Origin:	Human
Expressed in:	Sf9 cells
Type:	Recombinant Protein

Target Details

Gene Name:	UBE2O
Reactivity:	H. sapiens (Human)
Purity/Specificity:	Recombinant full-length human UBE2O was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >95% by densitometry.
Relevant Links:	• NCBI - BC022237

Application Details

Application Note:	UBE2O Protein is stored in 50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF. UBE2O Protein is suitable for use in Western Blot. Expect a band approximately ~90kDa 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.
Stabilizer:	25% (v/v) Glycerol

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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