

Datasheet for 009-001-U38S**UBE2J1 protein-GST fusion****Overview**

Description:	UBE2J1 recombinant protein-GST fusion protein - 009-001-U38S
Item No.:	009-001-U38S
Size:	20 µg
Origin:	Human
Expressed in:	Sf9 cells

Product Details

Background:	UBE2J1 is a member of the E2 ubiquitin-conjugating enzyme family which is located in the membrane of the endoplasmic reticulum (ER) and may contribute to quality control ER-associated degradation by the ubiquitin-proteasome system. UBE2J1 play an important role in the homeostatic regulation of MHC class I assembly and expression (1). HRD1 and UBE2J1 associate in a complex together with non-β2m bound MHC class I heavy chains, Derlin 1, and p97 and discriminate misfolded MHC class I from conformational MHC I-β2m-peptide heterotrimers. UBE2J1 Protein is ideal for investigators involved in Signaling Proteins, Ubiquitin Proteins, Cancer, Cell Cycle, and Neurobiology research.
Synonyms:	CGI-76, HSPC153, HSPC205, HSU93243, NCUBE-1, NCUBE1, UBC6, Ubc6p, Ubiquitin-conjugating enzyme E2 J1, Yeast ubiquitin-conjugating enzyme UBC6 homolog E
Species of Origin:	Human
Expressed in:	Sf9 cells
Type:	Recombinant Protein

Target Details

Gene Name:	UBE2J1
Purity/Specificity:	Recombinant full-length human UBE2J1 was expressed by baculovirus in Sf9 insect cells using an N-Terminal Glutathione-S-Transferase fusion protein. The purity was determined to be >70% by densitometry.
Relevant Links:	• NCBI - BC013973

Application Details

Application Note:	UBE2J1 Protein is stored in 50mM Tris-HCl, pH 7.5, 50mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol. UBE2J1 Protein is suitable for use in Western Blot. Expect a band approximately ~70kDa 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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