

Datasheet for 009-001-U34S**UBE2F protein-HIS Epitope****Overview**

Description:	UBE2F recombinant protein-HIS Epitope - 009-001-U34S
Item No.:	009-001-U34S
Size:	20 µg
Origin:	Human
Expressed in:	E. coli

Product Details

Background:	UBE2F or ubiquitin-conjugating enzyme E2F is part of the ubiquitin network for protein degradation and is involved in protein neddylation. UBE2F has been shown to function as a NEDD8-conjugating enzyme in vitro and in vivo (1). Covalent attachment of the ubiquitin-like protein NEDD8 to a conserved C-terminal domain (ctd) lysine stimulates Cullin Ring ligase (CRL) ubiquitination activity and prevents binding of the inhibitor CAND1 (2). UBE2F Protein is ideal for investigators involved in Signaling Proteins, Ubiquitin Proteins, Cancer, Cell Cycle, and Neurobiology research.
Synonyms:	NCE2, NEDD8-conjugating enzyme UBE2F, Ubiquitin-conjugating enzyme E2 F
Species of Origin:	Human
Expressed in:	E. coli
Type:	Recombinant Protein

Target Details

Gene Name:	UBE2F
Purity/Specificity:	Recombinant full length human UBE2F 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_080678

Application Details

Application Note:	UBE2F Protein is stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol. UBE2F Protein is suitable for use in Western Blot. Expect a band approximately ~24kDa 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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