

# Recombinant Human Ubiquitin-Conjugating Enzyme E2F (putative), His-tagged

Cat. No. UBE2F-2484H Lot. No. (See product label)

## SPECIFICATION

### Product Overview

Recombinant human UBE2F protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

### Species

Human

### Source

E.coli

### ProteinLength

1-185aa

### Description

UBE2F belongs to the ubiquitin-conjugating enzyme family and UBE2F subfamily. Ubiquitin-conjugating enzymes more rarely as ubiquitin-carrier enzymes, perform the second step in the ubiquitination reaction that targets a protein for degradation via the proteasome. UBE2F accepts the ubiquitin-like protein NEDD8 from the UBA3-NAE1 E1 complex and catalyzes its covalent attachment to other proteins.

### Form

Liquid. In 20 mM Tris-HCl buffer, pH8.0, 30% glycerol, 1mM DTT, 200mM NaCl.

### Molecular Mass

23.7kDa (209aa) confirmed by MALDI-TOF

### AA Sequence

MGSSHHHHHH SSGLVPRGSH MGSMLTLAS KLRDDGLKG SRTAATASDS  
 TRRVSVRDKL LVKEVAELEA NLPCTCKVHF PDPNKLHCFQ LTVTPDEGY  
 QGGKFQFETE VPDAYNMVPP KVKCLTKIWH PNITETGEIC LSLREHSID  
 GTGWAPRTL KDVVWGLNSL FTDLLNFDDP LNIEAAEHHL RDKEDFRNKV  
 DDYIKRYAR

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<b>Purity</b>	>95% by SDS - PAGE
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -78°C. Avoid repeated freezing and thawing cycles.
<b>Concentration</b>	1mg/ml (determined by Bradford assay)

## GENE INFORMATION

<b>Gene Name</b>	UBE2F ubiquitin-conjugating enzyme E2F (UBC6 homolog, <i>C. elegans</i> ) [ <a href="#">Homo sapiens</a> ]
<b>Official Symbol</b>	UBE2F
<b>Synonyms</b>	UBE2F; ubiquitin-conjugating enzyme E2F (UBC6 homolog, <i>C. elegans</i> ); NCE2; NEDD8 conjugating enzyme;
<b>Gene ID</b>	<a href="#">23665</a>
<b>UniProt ID</b>	<a href="#">Q969M7</a>
<b>Chromosome Location</b>	2q37.3
<b>Pathway</b>	Cell cycle, organism-specific biosystem;

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