

# Recombinant human NCE2/UBE2F protein

Catalog Number: ATGP1607

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-185aa

### UniProt No.

Q969M7

### NCBI Accession No.

NP\_542409

### Alternative Names

NEDD8-conjugating enzyme uBE2F, NCE2

## PRODUCT SPECIFICATION

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### Molecular Weight

23.7 kDa (209aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 30% glycerol, 1mM DTT, 200mM NaCl

### Purity

> 95% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

uBE2F, also known as ubiquitin-conjugating enzyme E2 F, 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. Recombinant human uBE2F protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMLTLAS KLRDDGLKG SRTAATASDS TRRVSVRDKL LVKEVAEIEA NLPCTCKVHF  
PDPNKLHCFQ LTVTPDEGY Y QGGKFQFETE VPDAYNMVPP KVKCLTKIWH PNITETGEIC LLLREHSID GTGWAPRTL  
KDVVWGLNSL FTDLLNFDDP LNIEAAEHHL RDKEDFRNKV DDYIKRYAR

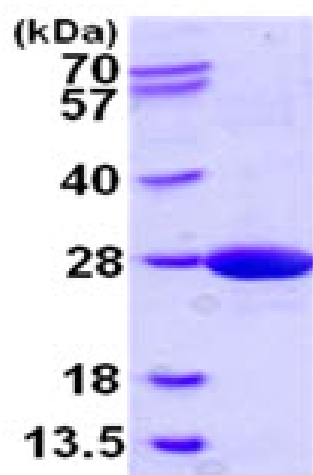
### General References

Huang D.T., et al. (2009) Mol. Cell 33:483-495

Nandi, D. et al. (2006) Journal of biosciences 31 (1): 137-55.

## DATA

### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)