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Recombinant human NCE2/UBE2F protein

Catalog Number: ATGP1607

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-185aa

UniProt No.

O969M7

NCBI Accession No.

NP 542409

Alternative Names

NEDD8-conjugating enzyme uBE2F, NCE2

PRODUCT SPECIFICATION

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

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

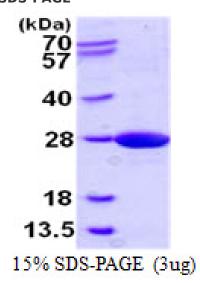
MGSSHHHHHH SSGLVPRGSH MGSHMLTLAS KLKRDDGLKG SRTAATASDS TRRVSVRDKL LVKEVAELEA NLPCTCKVHF PDPNKLHCFQ LTVTPDEGYY QGGKFQFETE VPDAYNMVPP KVKCLTKIWH PNITETGEIC LSLLREHSID GTGWAPTRTL KDVVWGLNSL FTDLLNFDDP LNIEAAEHHL RDKEDFRNKV DDYIKRYAR

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.

