

UBE2F, 1-185aa, Human, His tag, E.coli

Cat.NO.: TP04384

3th Edition

Synonyms:NEDD8-conjugating enzyme UBE2F, NCE2

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.

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

Molecular Weight:23.7kDa (209aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSHMLTLASKLKRDDGLKGSRTAATASDSTRRVSVRDKLLVKEVAELEANLPCT
CKVHFDPNKLHCFQLTVPDEGYQGGKFQFETEVDPDAYNMVPPKVKCLTKIWHPNITETGEICLSLLREHSIDGT
GWAPTRLKDVVWGLNSLFTDLLNFDDPLNIEAAEHLRDKEDFRNKVDDYIKRYAR

Purity:> 95% by HPLC

Concentration:1mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.