

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

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant human UBE2F protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-185aa                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Description</b>      | 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. |
| <b>Form</b>             | Liquid. In 20 mM Tris-HCl buffer, pH8.0, 30% glycerol, 1mM DTT, 200mM NaCl.                                                                                                                                                                                                                                                                                                                                   |
| <b>Molecular Mass</b>   | 23.7kDa (209aa) confirmed by MALDI-TOF                                                                                                                                                                                                                                                                                                                                                                        |
| <b>AA Sequence</b>      | MGSSHHHHHH SSGLVPRGSH MGSMLTLAS KLRDDGLKG SRTAATASDS<br>TRRVSVRDKL LVKEVAELEA NLPCTCKVHF PDPNKLHCFQ LTVTPDEGY<br>QGGKFQFETE VPDAYNMVPP KVKCLTKIWH PNITETGEIC LSLLREHSID<br>GTGWAPRTL KDVVWGLNSL FTDLLNFDDP LNIEAAEHHL RDKEDFRNKV<br>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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