

Human recombinant UBE2R2 (Ubc3B)

CATALOG #:	6437-3	3 nmol
ALTERNATE NAMES:	Cdc34b, Ubc3B, Ubiquitin-conjugating enzyme E2 R2, Ubiquitin carrier protein R2, Ubiquitin-conjugating enzyme E2-CDC34B, Ubiquitin-protein ligase R2.	
MOL. WEIGHT:	27.166 kDa.	
PURITY:	≥95% by RP-HPLC	
FORMULATION:	75 µL of a 40 µM solution (3 nmoles) in TBS	
SOLUBILITY:	>3 mg/ml	
ACTIVITY:	Protein concentration of 100 nM - 1 µM is recommended for in vitro conjugation.	
STORAGE CONDITIONS:	Aliquot and store at -80°C. Avoid repeated freezing and thawing cycles.	

DESCRIPTION:

UBE2R2 is a 238 amino acid (27.2 kDa) pre-protein from chromosome 9. After CK2-mediated UBE2R2 phosphorylation, it binds to the F-Box protein beta-TrCP, which is the subunit recognition subunit of an SCF E3 ligase. UBE2R2 may be involved in degradation of beta-catenin.

APPLICATIONS

- Identify cognate E2/E3 pairs
- Characterize upregulation/downregulation of E2 enzymes
- Build poly-ubiquitin chains
- Characterize ubiquitin chain specificity of E2 enzymes
- Analyze expression of E2 enzymes

RELATED PRODUCTS:

- Human recombinant UCHL1 (Cat. No. 6306-100)
- Human recombinant UCHL3 (Cat. No. 6358-100)
- Human recombinant UCHL5 (Cat. No. 6359-100)
- UbcH1, human recombinant (GST-tag) (Cat. No. 4846-10, -100)
- UbcH5a, human recombinant (His-tag) (Cat. No. 4851-10, -100)
- UbcH5b, human recombinant (His-tag) (Cat. No. 4852-10, -100)
- UCHL1, human recombinant (GST-tag) (Cat. No. 4855-50)
- Human recombinant UBE2D3 (UbcH5c) (Cat. No. 6430-3)
- Human recombinant UBE2L3 (UbcH7) (Cat. No. 6431-3)
- Human recombinant UBE2K (UbcH1) (Cat. No. 6432-3)
- Yeast recombinant Ubc13 (UBE2N) (Cat. No. 6433-3)
- Yeast recombinant Mms2 (UEV-2) (Cat. No. 6434-3)
- Human recombinant UBE2D2 (UbcH5b) (Cat. No. 6435-3)
- Human recombinant UBE2R1 (CDC34) (Cat. No. 6436-3)
- Human recombinant UBE2E2 (UbcH8) (Cat. No. 6438-3)
- Human recombinant UBE2E3 (UbcH9) (Cat. No. 6439-3)
- Human recombinant UBE2H (UbcH2) HIS (Cat. No. 6440-3)
- Human recombinant UBE2H (UbcH2), HIS₆SUMO (Cat. No. 6441-3)

FOR RESEARCH USE ONLY! Not to be used in humans.