

# Recombinant Human Ubiquitin-Conjugating Enzyme E2L6, His-tagged

**Cat. No.** UBE2L6-30H    **Lot. No.** (See product label)

## SPECIFICATION

|                                 |   |
|---------------------------------|---|
| <b>Product Overview</b>         | Recombinant human UBE2L6 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques, 21.7kDa (188aa).  |
| <b>Species</b>                  | Human   |
| <b>Source</b>                   | E.coli  |
| <b>Description</b>              | Ubiquitin-conjugating enzyme E2L6 (UBE2L6), also known as Ubch8, is a member of the E2 ubiquitin-conjugating enzyme family. The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination of a protein substrate requires the concerted action of 3 classes of enzymes: E1 ubiquitin-activating enzymes, E2 ubiquitin-conjugating enzymes, and E3 ubiquitin protein ligases. The E2 ubiquitin-conjugating enzyme is highly similar in primary structure to the enzyme encoded by UBE2L3 gene. |
| <b>Form</b>                     | Liquid in 20mM Tris pH 8.0, 1 mM DTT, 0.1 mM PMSF 10% glycerol.   |
| <b>Purity</b>                   | > 90% by SDS PAGE.  |
| <b>Concentration</b>            | 1 mg/ml (determined by Bradford assay)  |
| <b>Sequences of amino acids</b> | MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMASM RVVKE LEDLQ<br>KKPPPYLRNL SSDDANVLVW HALLLPDQPP YHLKAFNLRI SFP PEYPFKP  |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PMIKFTTKIY HPNVDENGQI CLPIISSEW KPCTKTCQVL EALN VLVNRP  
NIREPLRMDL ADLLTQNPPEL FRKNAEEFTL RFGVDRPS

**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.

## GENE INFORMATION

**Gene Name**

UBE2L6 ubiquitin-conjugating enzyme E2L 6 [ Homo sapiens ]

**Synonyms**

ubiquitin-conjugating enzyme E2L 6; RIG-B; UBCH8; MGC40331; UBE2L6; ubiquitin-protein ligase; ubiquitin carrier protein; retinoic acid induced gene B protein; EC 6.3.2.19; MGC40331; Retinoic acid-induced gene B protein; Ubiquitin carrier protein L6; Ubiquitin-protein ligase L6; ubiquitin-protein ligase.

**Gene ID**

9246

**mRNA Refseq**

NM\_004223

**Protein Refseq**

NP\_004214

**MIM**

603890

**UniProt ID**

O14933

**Chromosome  
Location**

11q12

**Function**

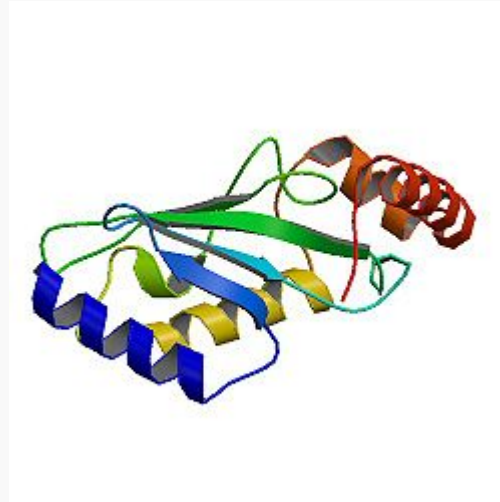
ligase activity; protein binding; ubiquitin-protein ligase activity

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

PDB rendering based  
on 1wzv. Available  
structures: 1wzv,  
1wzw



 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA