

Recombinant Human Ubiquitin-Conjugating Enzyme E2L6, His-tagged

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

SPECIFICATION

Product Overview	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).
Species	Human
Source	E.coli
Description	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.
Form	Liquid in 20mM Tris pH 8.0, 1 mM DTT, 0.1 mM PMSF 10% glycerol.
Purity	> 90% by SDS PAGE.
Concentration	1 mg/ml (determined by Bradford assay)
Sequences of amino acids	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMASM RVVKE LEDLQ KKPPPYLRNL SSDDANVLVW HALLLPDQPP YHLKAFNLRI SFP PEYPFKP

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

PMIKFTTKIY HPNVDENGQI CLPIISSENW KPCTKTCQVL EALN VLVNRP
NIREPLRMDL ADLLTQNPEL FRKNAAEFTL 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

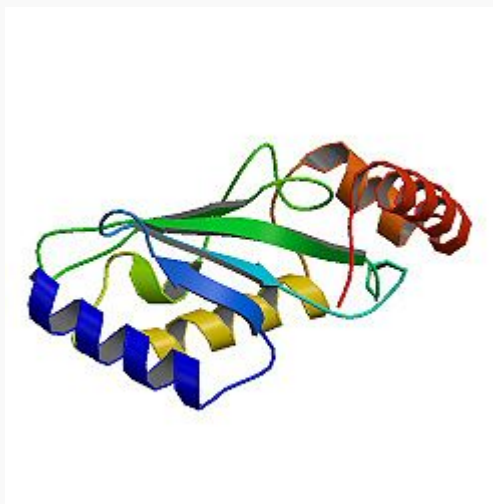
ligase activity; protein binding; ubiquitin-protein ligase activity

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

 Email: info@creative-biomart.com  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 Fax: 1-631-938-8127

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