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## Recombinant human UbcH8/UBE2L6 protein

Catalog Number: UBE0901

#### PRODUCT INFORMATION

#### **Expression system**

E.coli

#### **Domain**

1-152aa

#### UniProt No.

014933

#### **NCBI Accession No.**

NP 004214

#### **Alternative Names**

Ubiquitin conjugating enzyme E2 L6, Ubiquitin/ISG15-conjugating enzyme E2 L6, E2 ubiquitin-conjugating enzyme L6, Retinoic acid-induced gene B protein, RIG-B, UbcH8, Ubiquitin carrier protein L6, Ubiquitin-protein ligase L6

## **PRODUCT SPECIFICATION**

### **Molecular Weight**

21.7 kDa (188aa) confirmed by MALDI-TOF

#### Concentration

1mg/ml (determined by Bradford assay)

#### **Formulation**

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 0.1mM PMSF, 10% glycerol

## **Purity**

> 90% by SDS-PAGE

## Tag

His-Tag

## **Application**

SDS-PAGE

## **Storage Condition**

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## **BACKGROUND**

## **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



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ubiquitin protein ligases. The E2 ubiquitin-conjugating enzyme is highly similar in primary structure to the enzyme encoded by uBE2L3 gene. Recombinant human uBE2L6 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

## **Amino acid Sequence**

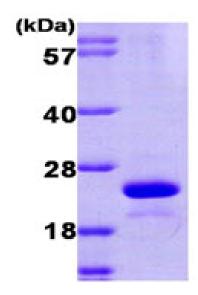
MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMASM RVVKELEDLQ KKPPPYLRNL SSDDANVLVW HALLLPDQPP YHLKAFNLRI SFPPEYPFKP PMIKFTTKIY HPNVDENGQI CLPIISSENW KPCTKTCQVL EALNVLVNRP NIREPLRMDL ADLLTQNPEL FRKNAEEFTL RFGVDRPS

#### **General References**

Ardley HC., et al. (2000) Cytogenet Cell Genet. 89(1-2):137-140. Movnihan TP., et al. (1999) J Biol Chem. 274(43):30963-30968.

## DATA

#### **SDS-PAGE**



15% SDS-PAGE (3ug)

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.