

Recombinant human Ubch8/UBE2L6 protein

Catalog Number: UBE0901

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-152aa

UniProt No.

O14933

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

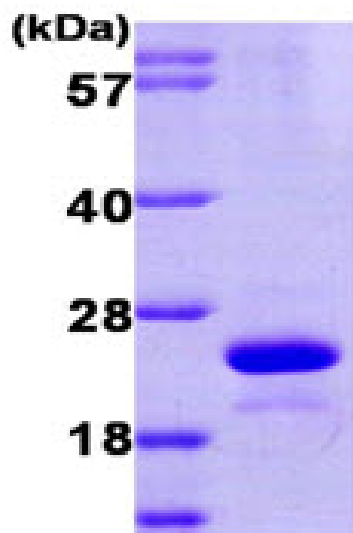
MRGSHHHHHH GMASMTGGGQ MGRDLYDDDD KDRWGSMASM RVVKELEDLQ KKPPPYLRNL SSDDANVLVW
HALLLPDQPP YHLKAFNLRI SFPPEYFPKP PMIKFTTKIY HPNVDENGQI CLPIISSENW KPCTKTCQVL EALNVLVNRP
NIREPLRMDL ADLLTQNPPEL FRKNAEEFTL RFGVDRPS

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



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

15% SDS-PAGE (3 ug)