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

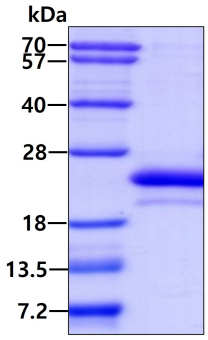
<MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGS>MASM RVVKELEDLQ KKPPPYLRNL SSDDANVLVW HALLLPDQPP YHLKAFNLRI SFPPEYPFKP PMIKFTTKIY HPNVDENGQI CLPIISSENW KPCTKTCQVL EALNVLVNRP NIREPLRMDL ADLLTQNPEL FRKNAEEFTL RFGVDRPS

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



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