

Recombinant human MMS2/UBE2V2 protein

Catalog Number: ATGP0642

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-145aa

UniProt No.

Q15819

NCBI Accession No.

NP_003341

Alternative Names

Ubiquitin-conjugating enzyme E2 variant 2, DDVit 1, Enterocyte differentiation-associated factor 1, EDAF-1, Enterocyte differentiation-promoting factor 1, EDPF-1, MMS2 homolog, Vitamin D3-inducible protein, UEV2

PRODUCT SPECIFICATION

Molecular Weight

18.5 kDa (165aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.1M NaCl

Purity

> 95% 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

UBE2V2, also known as ubiquitin-conjugating enzyme E2 variant 2, constitutes a distinct subfamily within the E2 protein family. They have sequence similarity to other ubiquitin-conjugating enzymes but lack the conserved cysteine residue that is critical for the catalytic activity of E2s. This protein also shares homology with ubiquitin-conjugating enzyme E2 variant 1 and yeast MMS2 gene product. It may be involved in the differentiation of monocytes and enterocytes. Recombinant human UBE2V2 protein, fused to His-tag at N-terminus, was

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expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

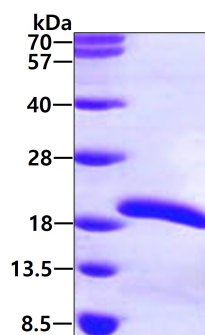
<MGSSHHHHHH SSGLVPRGSH> MAVSTGVKVP RNFRLLLEELE EGQKGVGDGT VSWGLEDDED MTLTRWTGMI
IGPPRTNYEN RIYSLKVECG PKYPEAPPSV RFVTKINMNG INNSSGMVDA RSIPVLAKWQ NSYSIKVVLQ ELRRLMMSKE
NMKLPQPPEG QTYNN

General References

unk I., et al. (2008) Proc Natl Acad Sci u S A. 105(10):3768-73.

DATA

SDS-PAGE



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