

AR09579PU-L

Human UBE2V2 (1-145, His-tag) - Purified

Alternate names:

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

Quantity:

0.5 mg

Concentration:

0.5 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:

[Q15819](#)

NCBI:

[NP_003341](#)

GenelD:

[7336](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >95% by SDS - PAGE

Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1 M NaCl

Description:

Recombinant human UBE2V2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MAVSTGVKVP RNFRLLEELE EGQKGVGDGT VSWGLEDDED
MTLTRWTGMI IGPPRTNYEN RIYSLKVECG PKYPEAPPSV RFVTKINMNG INNSSGMVDA
RSIPVLAKWQ NSYSIKVVLQ ELRRLMSKE NMKLPQPPEG QTNN

Molecular weight: 18.5 kDa (165aa) confirmed by MALDI-TOF

Storage:

Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer.

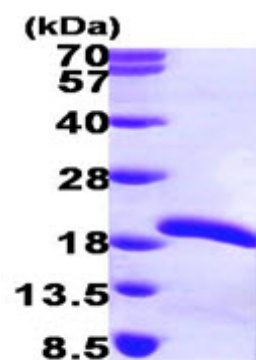
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

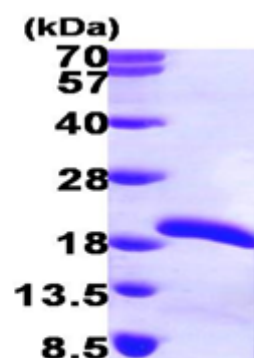
Unk I., et al. (2008) Proc Natl Acad Sci U S A. 105(10):3768-73.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human UBE2V2, 1-145 aa,
His-tagged



15% SDS-PAGE (3ug)