

Recombinant Human UBE2V2, His-tagged

Cat. No. UBE2V2-60H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human UBE2V2 protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography techniques. MW =18.5 kDa (165aa) confirmed by MALDI-TOF.
Species	Human
Source	E.coli
ProteinLength	1-145 aa
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.
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MAVSTGVKVP RNFRLLLEELE EGQKGVGDGT VSWGLEDDED MTLTRWTGMI IGPPRTNYEN RIYSLKVECG PKYPEAPPSV RFVTKINMNG INNSSGMVDA RSIPVLAKWQ NSYSIKVVLQ ELRRLMMSKE NMKLPQPPEG QTYNN
Purity	> 95% by SDS – PAGE.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl.

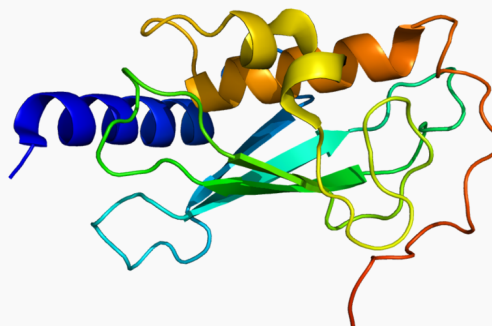
 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Concentration	0.5 mg/ml (determined by Bradford assay).
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
GENE INFORMATION	
Gene Name	UBE2V2 ubiquitin-conjugating enzyme E2 variant 2 [Homo sapiens]
Synonyms	UBE2V2; ubiquitin-conjugating enzyme E2 variant 2; MMS2; UEV2; EDPF1; UEV-2; DDVIT1; EDAF-1; EDPF-1; DDVit-1; DDVit 1; MMS2 homolog; vitamin D3-inducible protein; 1 alpha,25-dihydroxyvitamin D3-inducible; enterocyte differentiation promoting factor; enterocyte differentiation-promoting factor 1; enterocyte differentiation-associated factor 1; enterocyte differentiation-associated factor EDAF-1; methyl methanesulfonate sensitive 2, S. cerevisiae, homolog of; ubiquitin-conjugating enzyme E2v2; enterocyte differentiation promoting factor
Gene ID	7336
mRNA Refseq	NM_003350
Protein Refseq	NP_003341
MIM	603001
UniProt ID	Q15819
Chromosome Location	8q11.21
Function	protein binding; small conjugating protein ligase activity

PDB rendering based
on 1j74.



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA