

## Recombinant Human UBE2V2, His-tagged

Cat. No. UBE2V2-210H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human UBE2V2 (2-end) was expressed in E. coli cells using an N-terminal His tag.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-end a.a.
<b>Description</b>	UBE2V2 or ubiquitin-conjugating enzyme E2 variant 2 constitutes a distinct subfamily within the E2 protein family which is critical for the catalytic activity of E2s and also shares homology with ubiquitin-conjugating enzyme E2 variant 1 and yeast MMS2 gene product. UBE2V2 may be involved in the differentiation of monocytes and enterocytes. UBE2V2 functions in assembly of novel polyubiquitin chains for DNA repair.
<b>Form</b>	Recombinant protein stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
<b>Molecular Mass</b>	~18 kDa
<b>Purity</b>	>95% by densitometry
<b>Applications</b>	Western Blot

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**Storage** Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

**Concentration** 0.1 µg/µl

## GENE INFORMATION

**Gene Name** [UBE2V2 ubiquitin-conjugating enzyme E2 variant 2 \[ Homo sapiens \]](#)

**Official Symbol** UBE2V2

**Synonyms** UBE2V2; ubiquitin-conjugating enzyme E2 variant 2; DDVit 1; EDPF 1; MMS2; UEV 2; 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; UEV2; EDPF1; UEV-2; DDVIT1; EDAF-1; EDPF-1; DDVit-1;

**Gene ID** [7336](#)

**mRNA Refseq** [NM\\_003350](#)

**Protein Refseq** [NP\\_003341](#)

**MIM** [603001](#)

**UniProt ID** [Q15819](#)

**Chromosome Location** 8q11.21

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**Pathway**

Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem; Immune System, organism-specific biosystem;

**Function**

acid-amino acid ligase activity; protein binding;

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