

Recombinant Human UBE2V2, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human UBE2V2 (2-end) was expressed in E. coli cells using an N-terminal His tag.
Species	Human
Source	E.coli
ProteinLength	2-end a.a.
Description	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.
Form	Recombinant protein stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Molecular Mass	~18 kDa
Purity	>95% by densitometry
Applications	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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