

Recombinant Human Ubiquitin-Conjugating Enzyme E2 Variant 2/UBE2V2/DDVIT1 Protein(N-6His)

Cat.NO.: TP05095

3th Edition

Synonyms: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; UBE2V2; MMS2; UEV2

Description:Ubiquitin-Conjugating Enzyme E2 Variant 2 (UBE2V2) is an enzyme that belongs to the ubiquitin-conjugating enzyme family. UBE2V2 can be detected in the placenta, colon, liver, and skin. It forms a heterodimer with UBE2N. The UBE2V2/UBE2N heterodimer catalyzes the synthesis of non-canonical poly-ubiquitin chains and which leads to protein degradation by the proteasome. UBE2V2 mediates transcriptional activation of target genes. It plays a role in the control of progress through the cell cycle and differentiation. It also plays a role in the error-free DNA repair pathway and contributes to the survival of cells after DNA damage.

Form:PBS

Molecular Weight:18.5 kDa

Sequences:Met 1-Asn145

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.