

UBE2V2 Protein, Human, Recombinant (His)

General Information

Synonyms:	Enterocyte Differentiation-Associated Factor 1; Vitamin D3-Inducible Protein; UEV2; MMS2 Homolog; UBE2V2; Ubiquitin-Conjugating Enzyme E2 Variant 2; Enterocyte Differentiation-Promoting Factor 1; EDAF-1; EDPF-1; MMS2; DDvit 1
Protein Construction:	Met1-Asn145
Species:	Human
Expression Host:	E. coli
Accession:	Q15819
Molecular Weight:	18 KDa (reducing condition)
AA Sequence:	Met1-Asn145

QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it. If you require protein activity, we recommend choosing the eukaryotic expression version first.
Purity:	Greater than 95% as determined by reducing SDS-PAGE. (QC verified)
Endotoxin:	< 0.1 ng/μg (1 EU/μg) as determined by LAL test.
Formulation:	Supplied as a 0.2 μm filtered solution of 50mm HEPES, 150 mM NaCl, pH 7.0.

Preparation and Storage

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

Proteins are shipped with blue ice.

Protein Background

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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