**Product Name: Recombinant Human UBE2V2 (N-6His)**
**Catalog #: PEH1774**

## Summary

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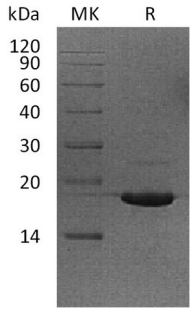
| **Name** | UBE2V2/DDVIT1/EDPF1 |
| **Purity** | Greater than 95% as determined by reducing SDS-PAGE |
| **Endotoxin level** | <1 EU/μg as determined by LAL test. |
| **Construction** | Recombinant Human Ubiquitin-Conjugating Enzyme E2 Variant 2 is produced by our E.coli expression system and the target gene encoding Met1-Asn145 is expressed with a 6His tag at the N-terminus. |
| **Accession #** | Q15819 |
| **Host** | E.coli |
| **Species** | Human |
| **Predicted Molecular Mass** | 18.5 KDa |
| **Formulation** | Supplied as a 0.2 μm filtered solution of 50mm HEPES, 150mM NaCl, pH 7.0. |
| **Shipping** | The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below. |
| **Stability&Storage** | Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles. |
| **Reconstitution** | |

## SDS-PAGE image




## Background

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| **Alternative Names** | 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 |
| **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.

## Note

For Research Use Only , Not for Diagnostic Use.