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## Product Data Sheet

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Product Name: UBE2V2 Human  
 Cat. No.: GP22369  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	DDVit-1; DDVIT1; EDAF-1; EDPF-1; EDPF1; MMS2; UEV-2; UEV2; Ubiquitin-conjugating enzyme E2 variant 2; Enterocyte differentiation-associated factor 1; Enterocyte differentiation-promoting factor 1; Vitamin D3-inducible protein; UBE2V2.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MAVSTGVKVP RNFRLLLEELE EGQKGVGDGT VSWGLEDDED MTLTRWTGMI IGPPRTNYEN RIYSLKVECG PKYPEAPPSV RFVTKINMNG INNSSGMVDA RSIPVLAKWQ NSYSIKVVLQ ELRRLMMSKE NMKLPQPPEG QTYNN.		
Formulation	UBE2V2 Human solution containing 20mM Tris pH-8, 0.1M NaCl & 10% glycerol.		

### Introduction

UBE2V2 comprises a distinct subfamily within the E2 protein family. They have sequence similarity to other ubiquitin-conjugating enzymes however require the conserved cysteine residue that is vital for the catalytic activity of E2s. UBE2V2 shares homology with ubiquitin-conjugating enzyme E2 variant 1 and yeast MMS2 gene product. UBE2V2 participates in the differentiation of monocytes and enterocytes.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

UBE2V2 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 165 amino acids (1-145 a.a.) and having a molecular mass

**Caution: Product has not been fully validated for medical applications. For research use only.**

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of 18.5 kDa. The UBE2V2 is fused to 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

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