

UBE2V2, 1-145aa, Human, His tag, E.coli

Cat.NO.: TP04397

3th Edition

Synonyms:DDVit-1, DDVIT1, EDAF-1, EDPF-1, EDPF1, MMS2, UEV-2, UEV2, Ubiquitin-conjugating enzyme E2 variant 2

Description:UBE2V2, also known as ubiquitin-conjugating enzyme E2 variant 2, constitutes a distinct subfamily within the E2 protein family. They have sequence similarity to other ubiquitin-conjugating enzymes but lack the conserved cysteine residue that is critical for the catalytic activity of E2s. This protein also shares homology with ubiquitin-conjugating enzyme E2 variant 1 and yeast MMS2 gene product. It may be involved in the differentiation of monocytes and enterocytes. Recombinant human UBE2V2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl

Molecular Weight:18.5 kDa (165aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMAVSTGVKVP RNFRLLLEELEEGQKGVGDGTVSWGLEDDMTLTRWTGMIIGPP
RTNYENRIYSLKVECGPKYPEAPPSVRFVTKINMNGINNSSGMVDARSIPVLAKWQNSYSIKVVLQELRRLMMSKE
NMKLPQPPEGQTYNN

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

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.