

Recombinant Human UBE2V2, His-tagged

Cat. No. UBE2V2-30036TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human MMS2 with N terminal His tag; 165aa, 18.5kDa.
Species	Human
Source	E.coli
ProteinLength	145 amino acids
Description	Ubiquitin-conjugating enzyme E2 variant proteins constitute 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. The protein encoded by this gene 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.
Conjugation	HIS
Molecular Weight	18.500kDa inclusive of tags
Tissue specificity	Detected in placenta, colon, liver and skin. Detected at very low levels in most tissues.
Form	Liquid
Purity	>95% by SDS-PAGE

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Storage buffer	pH: 8.00 Constituents: 0.24% Tris, 10% Glycerol, 0.58% Sodium chloride
Storage	Please see Notes section
Sequences of amino acids	MGSSHHHHHSSGLVPRGSHMAVSTGVKVPRNFRLLLEELE EGQKGVGDGTVSW GLEDDMTLTRWTGMIIGPPRTNYEN RIYSLKVECGPKYPEAPPSVRFVTKINMN GINSSGMVDA RSIPVLAKWQNSYSIKVVLQELRRLMMSKENMKLPQPPEG QTYN N
Sequence Similarities	Belongs to the ubiquitin-conjugating enzyme family.
GENE INFORMATION	
Gene Name	UBE2V2 ubiquitin-conjugating enzyme E2 variant 2 [Homo sapiens]
Official Symbol	UBE2V2
Synonyms	UBE2V2; ubiquitin-conjugating enzyme E2 variant 2; DDVit 1; EDPF 1; MMS2; UEV 2;
Gene ID	7336
mRNA Refseq	NM_003350
Protein Refseq	NP_003341
MIM	603001
Uniprot ID	Q15819
Chromosome	8q11.21

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Location

Pathway

Adaptive Immune System, organism-specific biosystem; Antigen processing: Ubiquitination & Proteasome degradation, organism-specific biosystem; Class I MHC mediated antigen processing & presentation, organism-specific biosystem;

Function

acid-amino acid ligase activity; protein binding;

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