Datasheet for ABIN7319155

UBE2V2 Protein (His tag)

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Overview

Quantity:	50 µg
Target:	UBE2V2
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBE2V2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human UBE2V2/DDVIT1 Protein (His Tag)
Sequence:	Met 1-Asn145
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	UBE2V2
Alternative Name:	UBE2V2/DDVIT1 (UBE2V2 Products)
Background:	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,

Target Details

	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. Synonym: 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
Molecular Weight:	18.5 kDa
UniProt:	Q15819
Pathways:	Positive Regulation of Response to DNA Damage Stimulus

Application Details

Restrictions:	For Research Use only

Handling

Format:	Frozen, Liquid
Buffer:	Supplied as a 0.2 µm filtered solution of 50mm HEPES,150 mM NaCl, pH 7.0.
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.