

Recombinant Human UBE2V2/DDVIT1 Protein (His Tag)



Catalog Number:PKSH033191

Note: Centrifuge before opening to ensure complete recovery of vial contents.

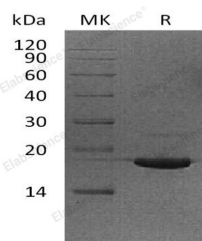
Description

Synonyms	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
Species	Human
Expression Host	E.coli
Sequence	Met 1-Asn145
Accession	Q15819
Calculated Molecular Weight	18.5 kDa
Observed molecular weight	18 kDa
Tag	N-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
Shipping	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < - 20°C.
Formulation	Supplied as a 0.2 µm filtered solution of 50mm HEPES,150mM NaCl, pH 7.0.
Reconstitution	Not Applicable

Data



> 95 % as determined by reducing SDS-PAGE.

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.

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