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1-866-9 KINASE (54-6273)

Catalogue #	Aliquot Size
U239-30H-20	20 µg
U239-30H-50	50 µg

UBE2V2 Protein

Recombinant protein expressed in E.coli cells

Catalog # U239-30H
Lot # J689-3

Product Description

Recombinant human UBE2V2 (2-end) was expressed in E. coli cells using an N-terminal His tag. The gene accession number is NM_003350.

Gene Aliases

DDVit-1; DDVIT1; EDAF-1; EDPF1; MMS2; UEV-2; UEV2

Formulation

Recombinant protein stored in 50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.

Storage and Stability

Store product at –70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

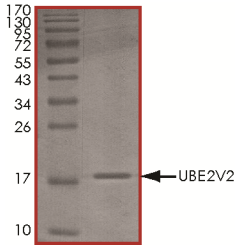
Scientific Background

UBE2V2 or ubiquitin-conjugating enzyme E2 variant 2 constitutes a distinct subfamily within the E2 protein family which is critical for the catalytic activity of E2s and also shares homology with ubiquitin-conjugating enzyme E2 variant 1 and yeast MMS2 gene product. UBE2V2 may be involved in the differentiation of monocytes and enterocytes (1). UBE2V2 functions in assembly of novel polyubiquitin chains for DNA repair (2).

References

1. Fritsche, J.et.al: Molecular cloning of a 1-alpha,25-dihydroxyvitamin D3-inducible transcript (DDVit 1) in human blood monocytes. Biochem. Biophys. Res. Commun. 235: 407-412, 1997.
2. Hofmann, R. M.et.al: Noncanonical MMS2-encoded ubiquitin-conjugating enzyme functions in assembly of novel polyubiquitin chains for DNA repair. Cell 96: 645-653, 1999.

Purity



The purity of UBE2V2 was determined to be **>95%** by densitometry.
Approx. MW **18 kDa**.

UBE2V2 Protein

Recombinant protein expressed in E. coli cells

Catalog Number	U239-30H
Specific Lot Number	J689-3
Purity	>95%
Concentration	0.1 µg/µl
Stability	1yr at –70°C from date of shipment
Storage & Shipping	Store product at –70°C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles. Product shipped on dry ice.

To place your order, please contact us by phone 1-(604)-232-4600, fax 1-604-232-4601 or by email: orders@signalchem.com
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