

Recombinant Human Ubiquitin-conjugating enzyme E2 variant 2(UBE2V2)

Catalog No: #AP70899

Package Size: #AP70899-1 20ug #AP70899-2 100ug #AP70899-3 1mg

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human Ubiquitin-conjugating enzyme E2 variant 2(UBE2V2)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-145aaSequence Info:Full Length
Other Names	DDVit 1Enterocyte differentiation-associated factor 1 ;EDAF-1Enterocyte differentiation-promoting factor 1 ;EDPF-1MMS2 homologVitamin D3-inducible protein
Accession No.	Q15819
Calculated MW	32.2 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	AVSTGVKVPNRNFRLLLEELEGQKGVGDGTVSWGLEDDEDMTLTRWTGMIIGPPRTNYENRIYSLKVECGPKY PEAPPSVRFVTKINMNGINNSSGMVDARSIPVLAKWQNSYSIKVVLQELRRLMMSKENMKLPQPPEGQTYNN
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Has no ubiquitin ligase activity on its own. The UBE2V2,UBE2N heterodimer catalyzes the synthesis of non-canonical poly-ubiquitin chains that are linked through 'Lys-63'. This type of poly-ubiquitination does not lead to protein degradation by the proteasome. Mediates transcriptional activation of target genes. Plays a role in the control of progress through the cell cycle and differentiation. Plays a role in the error-free DNA repair pathway and contributes to the survival of cells after DNA damage.

References

"The E2 ubiquitin-conjugating enzymes direct polyubiquitination to preferred lysines."David Y., Ziv T., Admon A., Navon A.J. Biol. Chem. 285:8595-8604(2010)Research Topic:Epigenetics and Nuclear Signaling

Note: This product is for in vitro research use only and is not intended for use in humans or animals.