Active Recombinant Human UBE2D3 Protein, His-tagged

Cat. No. UBE2D3-646H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBE2D3 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	UBE2D3 also known as UBCH5C or ubiquitin-conjugating enzyme E2D3 is a member of the E2 ubiquitin-conjugating enzyme family which is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. UBE2D3 is involved in RA-induced cell cycle arrest and as a mediator of all-trans retinoic acid-induced cell growth arrest in human acute promyelocytic NB4 cells. UBE2D3 functions in the ubiquitination of the tumor-suppressor protein p53, which is induced by an E3 ubiquitin-protein ligase and is critical for normal cellular, tissue, and organismal physiology.
Form	50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Bio-activity	17 nmol/min/mg
Molecular Mass	17 kDa
Purity	>95%

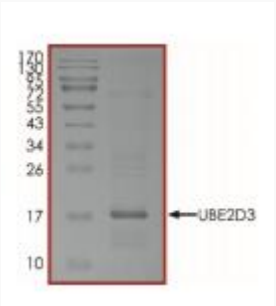
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Applications	Ubiquitin Enzyme Assay, Western Blot
Stability	1 year at - 70 centigrade from the date of shipment.
Storage	Store product at –70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.
Concentration	0.1 ug/ml

GENE INFORMATION

Gene Name	UBE2D3 ubiquitin-conjugating enzyme E2D 3 [Homo sapiens]
Official Symbol	UBE2D3
Synonyms	UBE2D3; ubiquitin-conjugating enzyme E2D 3; ubiquitin conjugating enzyme E2D 3 (homologous to yeast UBC4/5) , ubiquitin conjugating enzyme E2D 3 (UBC4/5 homolog, yeast); ubiquitin-conjugating enzyme E2 D3; UbcH5C; E2(17)KB 3; ubiquitin-protein ligase D3; ubiquitin carrier protein D3; ubiquitin-conjugating enzyme E2(17)KB 3; ubiquitin-conjugating enzyme E2-17 kDa 3; ubiquitin-conjugating enzyme E2D 3 (UBC4/5 homolog, yeast); ubiquitin-conjugating enzyme E2D 3 (homologous to yeast UBC4/5); UBC4/5; UBCH5C; E2(17)KB3; MGC5416; MGC43926;
Gene ID	7323
mRNA Refseq	NM_003340
Protein Refseq	NP_003331

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MIM	602963
UniProt ID	P61077
	

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