

## Active Recombinant Human UBE2C Protein, His-tagged

Cat. No. UBE2C-643H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human UBE2C fused with His tag at N-terminal was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	UBE2C or ubiquitin-conjugating enzyme E2C is a member of the E2 ubiquitin-conjugating enzyme family which is required for the destruction of mitotic cyclins and for cell cycle progression. UBE2C acted as a dominant-negative inhibitor which blocks the destruction of mitotic cyclins A and B and the onset of anaphase in frog embryos and mammalian cells. High UBE2C mRNA expression is associated with poor disease-free survival and overall survival. High tumor grade, as well as high Ki67 protein expression, was more frequent in the high-expression group of UBE2C.
<b>Form</b>	50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
<b>Bio-activity</b>	16 nmol/min/mg
<b>Molecular Mass</b>	21 kDa
<b>Purity</b>	>95%
<b>Applications</b>	Ubiquitin Enzyme Assay, Western Blot

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<b>Stability</b>	1 year at - 70 centigrade from the date of shipment.
<b>Storage</b>	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.
<b>Concentration</b>	0.1 ug/ml

## GENE INFORMATION

<b>Gene Name</b>	UBE2C ubiquitin-conjugating enzyme E2C [ Homo sapiens ]
<b>Official Symbol</b>	UBE2C
<b>Synonyms</b>	UBE2C; ubiquitin-conjugating enzyme E2C; ubiquitin-conjugating enzyme E2 C; UBCH10; ubiquitin-protein ligase C; ubiquitin carrier protein C; ubiquitin carrier protein E2-C; cyclin-selective ubiquitin carrier protein; mitotic-specific ubiquitin-conjugating enzyme; dJ447F3.2;
<b>Gene ID</b>	11065
<b>mRNA Refseq</b>	NM_007019
<b>Protein Refseq</b>	NP_008950
<b>MIM</b>	605574
<b>UniProt ID</b>	O00762

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