

Active Recombinant Human UBE2C Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human UBE2C fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	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.
Form	50mM sodium phosphate, pH 7.0, 300mM NaCl, 150mM imidazole, 0.1mM PMSF, 0.25mM DTT, 25% glycerol.
Bio-activity	16 nmol/min/mg
Molecular Mass	21 kDa
Purity	>95%
Applications	Ubiquitin Enzyme Assay, Western Blot

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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	UBE2C ubiquitin-conjugating enzyme E2C [Homo sapiens]
Official Symbol	UBE2C
Synonyms	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;
Gene ID	11065
mRNA Refseq	NM_007019
Protein Refseq	NP_008950
MIM	605574
UniProt ID	O00762



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