

Recombinant Human UBE2C

Cat. No. UBE2C-118H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBE2C was expressed in E.coli.
Species	Human
Source	E.coli
Form	Liquid, 25 mM Tris, pH 7.4; 150 mM NaCl; 10 mM DTT; 10% glycerol
Molecular Mass	19,652.6 Da by MS (calculated 19,652.3)
Purity	>95% by RP-HPLC
Applications	Identify cognate E2/E3 pairs Characterize upregulation/downregulation of E2 enzymes Build poly-ubiquitin chains Characterize ubiquitin chain specificity of E2 enzymes Analyze expression of E2 enzymes
Storage	Store at -80°C. Avoid repeated freeze/thaw cycles.

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;

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	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
Chromosome Location	20q13.12
Pathway	APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem; APC/C:Cdc20 mediated degradation of Cyclin B, organism-specific biosystem; APC/C:Cdc20 mediated degradation of Securin, organism-specific biosystem; APC/C:Cdc20 mediated degradation of mitotic proteins, organism-specific biosystem; APC/C:Cdh1 mediated degradation of Cdc20 and other APC/C:Cdh1 targeted proteins in late mitosis/early G1, organism-specific biosystem; Activation of APC/C and APC/C:Cdc20 mediated degradation of mitotic proteins, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem;
Function	ATP binding; acid-amino acid ligase activity; ligase activity; nucleotide binding; protein binding; ubiquitin-protein ligase activity; contributes_to ubiquitin-protein ligase activity;

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