Active Recombinant Human UBE2C Protein, Met & His-tagged

Cat. No. UBE2C-899H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human UBE2C (Accession # O00762), fused with an N-terminal Met and 7-His tag, was produced in E. coli.
Species	Human
Source	E.coli
Form	X mg/ml (X μl) in 50 mM HEPES pH 8.0, 200 mM NaCl, 10% Glycerol (v/v), 1 mM TCEP
Bio-activity	Recombinant Human His6-UbcH10/UBE2C is a member of the Ubiquitin-conjugating (E2) enzyme family that receives Ubiquitin from a Ubiquitin-activating (E1) enzyme and subsequently interacts with a Ubiquitin ligase (E3) to conjugate Ubiquitin to substrate proteins. Reaction conditions will need to be optimized for each specific application. We recommend an initial Recombinant Human His6-UbcH10/UBE2C concentration of 0.1-1 μM.
Molecular Mass	Recombinant Human UBE2C, Met & His-tagged has a calculated MW of 21 kDa.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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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
Chromosome Location	20q13.12

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