

Ubiquitin Conjugating Enzyme E2C Recombinant Protein | UBE2C recombinant protein

Recombinant Human Ubiquitin Conjugating Enzyme E2C

CATALOG # AAA38286	HOST E Coli
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PRODUCT SYNONYMS

Ubiquitin Conjugating Enzyme E2C; Recombinant Human Ubiquitin Conjugating Enzyme E2C; UBE2C Human; Ubiquitin Conjugating enzyme E2C Human Recombinant; Ubiquitin-conjugating enzyme E2 C; EC 6.3.2.19; Ubiquitin-protein ligase C; Ubiquitin carrier protein C; Ubc10; UBCH10; dJ447F3.2; UBE2C recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by Analysis by SDS-PAGE.
Form/Format	UBE2C protein 1mg/ml is supplied in 20mM Tris-HCL, pH-8, 0.15M NaCl, 1mM DTT and 10% Glycerol. Sterile Filtered clear solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMGS MASQNRDPAA TSVAAARKGA EPSGGAARGP VGKRLQQELM TLMMSGDKGI SAFPESDNLF KWVGTIHGAA GTVYEDLRYK LSLEFPSTGY YNAPTVKFLT PCYHPNVDQ GNICLDILKE KWSALYDVRT ILLSIQSLG EPNIDSPLNT HAAELWKNPT AFKKYLQETY SKQVTSQEP
Sequence Length	132
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for UBE2C recombinant protein	Description: UBE2C Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 202 amino acids (1-179) and having a molecular mass of 22.1 kDa. The UBE2C is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. Introduction: UbcH10 is an essential mediator of mitotic destruction events and cell cycle progression. It catalyzes the destruction of cyclins A and B in conjunction with the anaphase-promoting complex, and therefore, plays an important role in the control of the cell exit from mitosis. This activity is essential at the end of mitosis for the inactivation of their partner kinase Cdc2 and exit from mitosis into G1 of the next cell cycle. In addition, UbcH10 bears homology to yeast PAS2, a gene that is essential for biogenesis of peroxisomes. UbcH10 is useful for in vitro ubiquitylation reactions.
Product Categories/Family for UBE2C recombinant protein	Enzymes; Ubiquitin Conjugating Enzyme

NCBI AND UNIPROT INFORMATION

NCBI GI #	528524529
NCBI GeneID	11065
NCBI Accession #	NP_001268670.1
NCBI GenBank Nucleotide #	NM_001281741.1
UniProt Accession #	O00762; A6NP33; E1P5N7; G3XAB7
NCBI Official Full Name	ubiquitin-conjugating enzyme E2 C isoform 6

NCBI Official Synonym Full Names	ubiquitin-conjugating enzyme E2C
NCBI Official Symbol	UBE2C
NCBI Official Synonym Symbols	UBCH10; dJ447F3.2
NCBI Protein Information	ubiquitin-conjugating enzyme E2 C; cyclin-selective ubiquitin carrier protein; mitotic-specific ubiquitin-conjugating enzyme; ubiquitin-protein ligase C
UniProt Protein Name	Ubiquitin-conjugating enzyme E2 C
UniProt Gene Name	UBE2C
UniProt Synonym Gene Names	UBCH10
UniProt Entry Name	UBE2C_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/ube2c-recombinant-protein-e-coli/38286>