

32-2881: UBE2C Recombinant Protein

Alternative Name : Ubiquitin-conjugating enzyme E2 C, EC 6.3.2.19, Ubiquitin-protein ligase C, Ubiquitin carrier protein C, Ubc10, UBCH10, dj447F3.2.

Description

Source : Escherichia Coli. 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. 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 ubiquitinylation reactions.

Product Info

Amount : 20 µg
Purification : Greater than 90.0% as determined by Analysis by SDS-PAGE.
Content : UBE2C protein 1mg/ml is supplied in 20mM Tris-HCL, pH-8, 0.15M NaCl, 1mM DTT and 10% Glycerol.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SGLVPRGSH MGSMSQNRD PAATSVAAAR KGAEPSGGAA RGPVGKRLQQ
ELMTLMMSGD KGISAFPESD NLFKWWGTIH GAAGTVYEDL RYKLSLEFPS GYPYNAPTVK FLTPCYHPNV
DTQGNICLDI LKEKWSALYD VRTILLSIQS LLGEPNIDSP LNTHAAELWK NPTAFKKYLQ ETYSKQVTSQ EP

