Datasheet for ABIN7319146

UBE2C Protein (His tag)

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Overview

Quantity:	50 µg
Target:	UBE2C
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This UBE2C protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human UBE2C Protein (His Tag)
Sequence:	Met 1-Pro179
Characteristics:	Recombinant Human Ubiquitin-Conjugating Enzyme E2 C is produced by our E.coli expression system and the target gene encoding Met1-Pro179 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	UBE2C
Alternative Name:	UBE2C (UBE2C Products)
Background:	Background: Ubiquitin-Conjugating Enzyme E2 C (UBE2C) is a 179 amino acid enzyme that belongs to the Ubiquitin-Conjugating Enzyme family. UBE2C is highly expressed in tumor

Target Details

	tissues and at low levels in most adult normal tissues. UBE2C is required for the destruction of mitotic cyclins and for cell cycle progression. UBE2C accepts Ubiquitin from the E1 complex and catalyzes its covalent attachment to other proteins. It acts as an essential factor of the anaphase promoting complex/cyclosome (APC/C), which has E3 ubiquitin ligase activity, and targets for destruction substrates from the preceding mitosis (Cyclin A, Cyclin B, Securin, Geminin). Synonym: Ubiquitin-Conjugating Enzyme E2 C, UbcH10, Ubiquitin Carrier Protein C, Ubiquitin-Protein Ligase C, UBE2C, UBCH10
Molecular Weight:	23.3 kDa
UniProt:	O00762
Pathways:	Ubiquitin Proteasome Pathway

Application Details

Restrictions:	For Research Use only

Handling

Format:	Frozen, Liquid
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.0.
Storage:	-20 °C
Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.