

## Product datasheet for **TP312704**

### UBE2C (NM\_181802) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human ubiquitin-conjugating enzyme E2C (UBE2C), transcript variant 5, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC212704 representing NM_181802
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MASQNRDPAATSVAARKGAEPSSGGAARGPVGKRLQQELMTLMMMSGDKGISAFPESDNLFKWWGTIHGAA  
GTVYEDLRYKLSLEFPSPYPYNAPTVMKFLTPCYHPNVDTQGNICLDILKEKWSALYDVRTILLSIQSLLG  
EPNIDSPLNTHAAELWKNPTAFKKYLQETYSKQVTSQEP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	15.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_861518</a>
Locus ID:	11065
UniProt ID:	<a href="#">O00762</a>



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RefSeq Size: 1490

Cytogenetics: 20q13.12

RefSeq ORF: 423

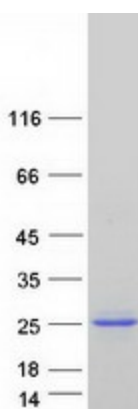
Synonyms: dj447F3.2; UBCH10

**Summary:** The modification of proteins with ubiquitin is an important cellular mechanism for targeting abnormal or short-lived proteins for degradation. Ubiquitination involves at least three classes of enzymes: ubiquitin-activating enzymes, ubiquitin-conjugating enzymes, and ubiquitin-protein ligases. This gene encodes a member of the E2 ubiquitin-conjugating enzyme family. The encoded protein is required for the destruction of mitotic cyclins and for cell cycle progression, and may be involved in cancer progression. Multiple transcript variants encoding different isoforms have been found for this gene. Pseudogenes of this gene have been defined on chromosomes 4, 14, 15, 18, and 19. [provided by RefSeq, Aug 2013]

**Protein Families:** Druggable Genome

**Protein Pathways:** Ubiquitin mediated proteolysis

### Product images:



Coomassie blue staining of purified UBE2C protein (Cat# TP312704). The protein was produced from HEK293T cells transfected with UBE2C cDNA clone (Cat# [RC212704]) using MegaTran 2.0 (Cat# [TT210002]).