

## Product datasheet for **TP720944M**

### **UBE2C (NM\_181801) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Human ubiquitin-conjugating enzyme E2C (UBE2C), transcript variant 4
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	Met1-Pro179
<b>Tag:</b>	N-His
<b>Predicted MW:</b>	23.3 kDa
<b>Purity:</b>	>95% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
<b>Endotoxin:</b>	Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg)
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
<b>RefSeq:</b>	<a href="#">NP_861517</a>
<b>Locus ID:</b>	11065
<b>UniProt ID:</b>	<a href="#">O00762</a>
<b>RefSeq Size:</b>	901
<b>Cytogenetics:</b>	20q13.12
<b>RefSeq ORF:</b>	540
<b>Synonyms:</b>	dj447F3.2; UBCH10



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**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