

Product datasheet for **TP720898M**

UBE2C (NM_181801) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human ubiquitin-conjugating enzyme E2C (UBE2C), transcript variant 4
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	Ile141-Ser188
Tag:	N-Trx&His
Predicted MW:	23.3 kDa
Purity:	>95% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl
Reconstitution Method:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH ₂ O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Storage:	Store at -80°C.
Stability:	Stable for at least 3 months from date of receipt under proper storage and handling conditions.
RefSeq:	NP_861517
Locus ID:	11065
UniProt ID:	O00762
RefSeq Size:	901
Cytogenetics:	20q13.12
RefSeq ORF:	540
Synonyms:	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