

## Product datasheet for **TP300790**

### CUEDC2 (NM\_024040) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human CUE domain containing 2 (CUEDC2), 20 µg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone  
or AA Sequence:** >RC200790 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MELERIVSAALLAFVQTHLPEADLSGLDEVIFSIVLVGLEDLGPSGPSEENFDMEAFTMEMEAYVPGFAH  
IPRGTIGDMMQKLSGQLSDARNKENLQPQSSGVQGVPISEPLQRPEMLKEETRSSAAAAADTQDEATG  
AEEELLPGVDVLLVFPTCSVEQAQWVLAKARGDLEEAVQMLVEGKEEGPAAWEGPNQDLPRRLRGPQKD  
ELKSFILQKYMMVDSA

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 31.8 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:** [NP\\_076945](#)

**Locus ID:** 79004

**UniProt ID:** [Q9H467](#)



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RefSeq Size: 1203

Cytogenetics: 10q24.32

RefSeq ORF: 678

Synonyms: bA18I14.5; C10orf66

**Summary:** Down-regulates ESR1 protein levels through the ubiquitination-proteasome pathway, regardless of the presence of 17 beta-estradiol. Also involved in 17 beta-estradiol-induced ESR1 degradation. Controls PGR protein levels through a similar mechanism.[UniProtKB/Swiss-Prot Function]

### Product images:



Coomassie blue staining of purified CUEDC2 protein (Cat# TP300790). The protein was produced from HEK293T cells transfected with CUEDC2 cDNA clone (Cat# [RC200790]) using MegaTran 2.0 (Cat# [TT210002]).