

## Recombinant Human CUEDC2, His-tagged

Cat. No. CUEDC2-2299H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human CUEDC2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	310aa
<b>Description</b>	CUEDC2 belongs to the CUEDC2 family and contains 1 CUE domain. This protein down-regulates ESR1 protein levels through the ubiquitination-proteasome pathway, regardless of the presence of 17 beta-estradiol. It also involves in 17 beta-estradiol-induced ESR1 degradation and controls PGR protein levels through a similar mechanism.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT.
<b>Molecular Mass</b>	34 kDa
<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMELEIRIV SAALLAFVQT HLPEADLSGL DEVIFSYVLG VLEDLGPSGP SEENFDMEAF TEMMEAYVPGFAHIPRGTIG DMMQKLSGQL SDARNKENLQ PQSSGVQGQV PISPEPLQRP EMLKEETRSS AAAAADTQDE ATGAEELLP GVDVLELVFP TCSVEQAQWV LAKARGDLEE AVQMLVEGKE EGPAAWEGPN QDLPRRLRGP QKDELKSFIL QKYMMVDSAE

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DQKIHRPMAP KEAPKKLIRYIDNQVVSTKG ERFKDVRNPE AEEMKATYIN  
LKPARKYRFH

**Purity** >90% by SDS - PAGE

**Applications** SDS-PAGE

**Storage** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

**Concentration** 1 mg/ml

## GENE INFORMATION

**Gene Name** CUEDC2 CUE domain containing 2 [ Homo sapiens ]

**Official Symbol** CUEDC2

**Synonyms** C10orf66; bA18I14.5; CUE domain containing 2; 28352;  
Ensembl:ENSG00000107874; MGC2491; CUE domain-containing protein 2;

**Gene ID** [79004](#)

**mRNA Refseq** [NM\\_024040.2](#)

**Protein Refseq** [NP\\_076945.2](#)

**MIM** [614142](#)

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

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<b>Chromosome Location</b>	10q24.32
<b>Function</b>	protein binding;

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