

Product information

CUEDC2, 1-287aa

Human, His-tagged, Recombinant, *E.coli*

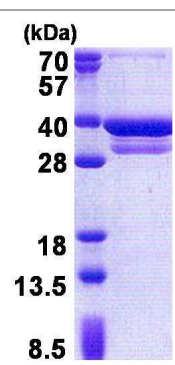
Cat. No. IBATGP2299

Full name: CUE domain-containing protein 2

NCBI Accession No.: NP_076945

Synonyms: bA18I14.5, C10orf66

Description: 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. Recombinant human CUEDC2 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT. Molecular Weight: 34 kDa (310aa) confirmed by MALDI-TOF Purity: > 90% by SDS - PAGE Concentration: 1 mg/ml (determined by Bradford assay)	 15% SDS-PAGE (3ug)
Sequences of amino acids: MGSSHHHHHH SSGLVPRGSH MGSMELEIRIV SAALLAFVQT HLPEADLSGL DEVIFSYVLG VLEDLGPSGP SEENFDMEAF TEMMEAYVPG FAHIPRGTIG DMMQKLSGQL SDARNKENLQ PQSSGVQGGV PISPEPLQRP EMLKEETRSS AAAAADTQDE ATGAEELLP GVDVLLVFP TCSVEQAQWV LAKARGDLEE AVQMLVEGKE EGPAAWEGPN QDLPRRLRGP QKDELKSFIL QKYMMDVSAE DQKIHPRMAP KEAPKKLIRY IDNQVVSTKG ERFKDVNRPE AEEMKATYIN LKPARKYRFH	

General references:

Pan X, Zhou T, *et al.* (2011). *Nat Med.* 17(6):708-14.

Zhang PJ, Zhao J, *et al.* (2007). *EMBO J.* 26(7):1831-42.

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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



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