

CUEDC2, 1-287aa, Human, His tag, E.coli

Cat.NO.: TP01787

3th Edition

Synonyms:CUE domain-containing protein 2, 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

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMELERIVSAALLAFVQTHLPEADLSGLDEVIFSYYVLGVLEDLGPSGPSEENFD
MEAFTEMMEAYVPGFAHIPRGTIGDMMQKLSGQLSDARNKENLQPQSSGVQGQVPISPEPLQRPEMLKEETRSSA
AAAADTQDEATGAEEELLPGVDVLLVFPTCSVEQAQWVLAKARGDLEEAVQMLVEGKEEGPAAWEGPNQDLPR
RLRGPQKDELKSFILQKYMMVDSAEDQKIHRPMAPEAPKKLIRYIDNQVVSTKGERFKDVRNPEAEEMKATYINLK
PARKYRFH

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.