

## Product datasheet for **AR51312PU-S**

### CUEDC1 (1-386, His-tag) Human Protein

#### Product data:

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| <b>Product Type:</b>                         | Recombinant Proteins   |
| <b>Description:</b>                          | CUEDC1 (1-386, His-tag) human recombinant protein, 50 µg   |
| <b>Species:</b>                              | Human  |
| <b>Expression Host:</b>                      | E. coli  |
| <b>Expression cDNA Clone or AA Sequence:</b> | MGSSHHHHHH SSGLVPRGSH MGSMTSLFRR SSSGSGGGGT AGARGGGGGT AAPQELNNSR<br>PARQVRRLEF NQAMDDFKM FPNMDYDIE CVLRANSNAV DATIDQLLQM NLEGGGSSGG<br>VYEDSSDSED SIPPEILERT LEPDSSDEEP PPVYSPPAYH MHVFDRPYPL APPTPPRID ALGSGAPTSQ<br>RRYRNWNPPPL LGNLPDDFLR ILPQQLDISIQ GNAGGPKPGS GEGCPPAMAG PPGDQESRW<br>KQYLEDERIA LFLQNEEFMK ELQRNRDILL ALERDRLKYE SQKSKSSVA VGNDFGFSSP<br>VPGTGDANPA VSEDALFRDK LKHMKGKSTRR KLFELARAFS EKTMRKSKR KHLKHKHSLG<br>AAASTANLLD DVEGHACDED FRGRRQEAPK VEEGLREGQ |
| <b>Tag:</b>                                  | His-tag  |
| <b>Predicted MW:</b>                         | 44.6 kDa   |
| <b>Concentration:</b>                        | lot specific   |
| <b>Purity:</b>                               | >85% by SDS - PAGE   |
| <b>Buffer:</b>                               | Presentation State: Purified<br>State: Liquid purified protein<br>Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1 mM DTT  |
| <b>Preparation:</b>                          | Liquid purified protein  |
| <b>Protein Description:</b>                  | Recombinant human CUEDC1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.  |
| <b>Storage:</b>                              | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.  |
| <b>Stability:</b>                            | Shelf life: one year from despatch.  |
| <b>RefSeq:</b>                               | <a href="#">NP_001258804</a>   |
| <b>Locus ID:</b>                             | 404093   |
| <b>UniProt ID:</b>                           | <a href="#">Q9NWM3</a>   |



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Cytogenetics: 17q22

**Summary:** CUEDC1 contains 1 CUE domain. The CUE domain is structurally related to the ubiquitin-binding UBA domain and has been reported to exist as a domain-swapped dimer that makes additional contacts with ubiquitin, and consequently, binds ubiquitin with higher affinity. The CUE domain is found in proteins with diverse functions including degradation of misfolded proteins in the endoplasmic reticulum and protein sorting.

**Protein Families:** Druggable Genome

**Product images:**

