

## Recombinant human CUEDC1, His-tagged

**Cat. No.** CUEDC1-2492H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</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>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT.
<b>Molecular Mass</b>	44.6kDa (409aa), confirmed by MALDI-TOF
<b>AA Sequence</b>	MGSSHHHHHH SGLVPRGSH MGSMTSLFRR SSSGSGGGGT AGARGGGGGT AAPQELNNSR PARQVRRLEF NQAMDDFKTM FPNMDYDIIECVLRANS GAV DATIDQLLQM NLEGGGSSGG VYEDSSDSED SIPPEILERT LEPDSSDEEP PPVYSPPAYH MHVFDRPYPL APPTPPPRID ALGSGAPTSQ RRYRNWNPPL LGNLPDDFLR ILPQQLDISI GNAGGPKPGS GEGCPPAMAG PGPGDQESRW KQYLEDERIA LFLQNEEFMKELQRNRDFLL ALERDRLKYE SQKSKSSVA

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VGNDFGFSSP VPGTGDANPA VSEDALFRDK LKHMKGSTRR KLFELARAFS  
EKTKMRKSKR KHLLKHQSLG AAATANLLD DVEGHACDED FRGRRQEAPK  
VEEGLREGQ

**Purity** >85% by SDS - PAGE

**Applications** SDS-PAGE

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

**Concentration** 0.25 mg/ml (determined by Bradford assay)

## GENE INFORMATION

**Gene Name** CUEDC1 CUE domain containing 1 [ Homo sapiens ]

**Official Symbol** CUEDC1

**Synonyms** CUEDC1; CUE domain containing 1; CUE domain-containing protein 1; FLJ20739; DKFZp547L163;

**Gene ID** 404093

**mRNA Refseq** NM\_017949

**Protein Refseq** NP\_060419

**UniProt ID** Q9NWM3

**Chromosome Location** 17q23.2

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