

Recombinant human CUEDC1, His-tagged

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

SPECIFICATION

Product Overview	Recombinant human CUEDC1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
Description	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.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT.
Molecular Mass	44.6kDa (409aa), confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMTSLFRR SSSGSGGGGT AGARGGGGGT AAPQELNNSR PARQVRRLEF NQAMDDFKTM FPNMDYDIECVLRANS GAV DATIDQLLQM NLEGGGSSGG VYEDSSDSED SIPPEILERT LEPDSSDEEP PPVYSPPAYH MHVFDRPYPL APPTPPPRID ALGSGAPTSQ RRYRNWNPP L LGNLPDDFLR ILPQQLDISI GNAGGPKPGS GEGCPPAMAG PGPGDQESRW KQYLEDERIA LFLQNEEFMKELQRNRDFLL ALERDRLKYE SQKSKSSSVA

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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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