

## 32-3636: CUEDC1 Recombinant Protein

**Alternative Name :** CUE Domain Containing 1,CUE Domain-Containing Protein 1.

### Description

Source : Escherichia Coli. CUEDC1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 409 amino acids (1-386 a.a) and having a molecular mass of 44.6kDa. CUEDC1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. CUE Domain Containing 1, also know as CUEDC1 contains 1 CUE domain. The CUE domain is structurally associated to the ubiquitin-binding UBA domain and exists as a domain-swapped dimer which makes additional contacts with ubiquitin, and as a result, binds ubiquitin with higher affinity. The CUE domain is discovered in proteins with diverse functions including protein sorting and degradation of misfolded proteins in the endoplasmic reticulum.

### Product Info

<b>Amount :</b>	10 µg
<b>Purification :</b>	"Greater than 85% as determined by SDS-PAGE."
<b>Content :</b>	CUEDC1 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT.
<b>Storage condition :</b>	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please avoid freeze thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHH SSGLVPRGSH MGSMTSLFRR SSSGSGGGGT AGARGGGGGT AAPQELNNSR PARQVRRLEFNQAMDDFKTM FPNMDYDIE CVLRANSNAV DATIDQLLQM NLEGGGSSGG VYEDSSDSED SIPPEILERTLEPDSSDEEP PPVYSPPAYH MHVFDRPYPL APPTPPPRID ALGSGAPTSQ RRYRNWNPPL LGNLPDDFLR ILPQQLSIQ GNAGGPKPGSGEGCPPAMAG PGPGDQESRW KQYLEDERIA LFLQNEEFMK ELQRNRDFFL ALERDRLKYE SQKSKSSSVAVGNDFGFSSP VPGTGDANPA VSEDALFRDK LKHMKGKSTRR KLFELARAFS ETKMRKSKR KHLKQSLG AAATANLLD DVEGHACDED FRGRRQEAPK VEEGLREGQ

