

## 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>        | MGSSHHHHHH SGLVPRGSH MGSMTSLFRR SSSGSGGGGT AGARGGGGGT AAPQELNSR<br>PARQVRRLEFNQAMDDFKTM FPNMDYDIIE CVLRANSGAV DATIDQLLQM NLEGGGSSGG VYEDSSDSED<br>SIPPEILERTLEPDSSDEEP PPVYSPPAYH MHVFDRPYPL APPTPPPRID ALGSGAPTSQ RRYRNWNPPL<br>LGNLPDDFLR ILPQQLSIQ GNAGGPKPGSGEGCPPAMAG PGPGDQESRW KQYLEDERIA LFLQNEEFMK<br>ELQRNRDFLL ALERDRLKYE SQKSKSSSVAVGNDFGFSSP VPGTGDANPA VSEDALFRDK LKHMKGKSTRR<br>KLFELARAFS ETKMRKSKR KHLKQSLG AAASTANLLD DVEGHACDED FRGRRQEAPK VEEGLREGQ |

