

## 32-3510: CETN1 Recombinant Protein

**Alternative Name :** Centrin EF-hand protein 1,calcium binding protein,Caltractin isoform 2,CETN.

### Description

Source : E.coli. CETN1 Human Recombinant produced E. coli is a single polypeptide chain containing 221 amino acids (1-172) and having a molecular mass of 22.1kDa.CETN1 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. CETN1 is an EF-hand type  $\text{Ca}^{2+}$ -binding protein. CETN1 is localized to the centrosome of interphase cells, and reorganizes the region of the spindle poles during mitosis, reflecting the dynamic behavior of the centrosome during the cell cycle. CETN1 has a vital part in the determination of centrosome position and isolation, and in the course of microtubule separating.

### Product Info

<b>Amount :</b>	10 $\mu\text{g}$
<b>Purification :</b>	Greater than 90% as determined by SDS-PAGE.
<b>Content :</b>	The CETN1 solution (0.5mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.1M NaCl, 1mM DTT and 10% glycerol.
<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).Avoid multiple freeze-thaw cycles.
<b>Amino Acid :</b>	MGSSHHHHHH SSGLVPRGSH MGSHTASGFK KPSAASGQK RGVAPKPELT EDQKQEVREA FDLFDVDGSG TIDAKELKVA MRALGFEPK EEMKKMISEV DREGTGKISF NDFLAVMTQK MSEKDTKEEI LKAFRLFDDDD ETGKISFKNL KRVANELGEN LTDEELQEMI DEADRDGDGE VNEEEFLRIM KKTSLY

