

**CETN1, 1-172aa, Human, His tag, E.coli**

**Cat.NO.: TP01585**

3th Edition

**Synonyms:**Centrin, CEN1, CETN.

**Description:**Centrin, also known as CETN1, is an EF-hand type Ca<sup>2+</sup>-binding protein. It is localized to the centrosome of interphase cells, and redistributes to the region of the spindle poles during mitosis, reflecting the dynamic behavior of the centrosome during the cell cycle.

**Form:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.1M NaCl, 10% glycerol, 1mM DTT

**Molecular Weight:**22.1 kDa (196aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSHMASGFKKPSAASTGQKRKVAPKPELTEDQKQEVREAFDLFDVDGSGTIDA  
KELKVAMRALGFEPKKEEMKKMISEVDREGTGKISFNDFLAVMTQKMSEKDTKEEILKAFRLFDDDETGKISFKNLK  
RVANELGENLTDEELQEMIDEADRDGDGEVNNEEFLRIMKKTSLY

**Purity:**> 95% by HPLC

**Concentration:**0.5 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

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