

**CETN2, 1-172aa, Human, His tag, E.coli**

**Cat.NO.: TP01586**

3th Edition

**Synonyms:**Caltractin, CALT, CEN2, Centrin-2

**Description:**CETN2, also called caltractin, belongs to a family of calcium-binding proteins and is a structural component of the centrosome. This protein plays a role in nucleotide excision repair via association with xeroderma pigmentosum group C protein, suggesting possible coupling of cell division and nucleotide excision repair.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl, 1mM DTT

**Molecular Weight:**21.9 kDa (192aa), confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMASNFKKANMASSSQRKRMSPKPELTEEQKQEIREAFDLFDADGTGTIDVKELKV  
AMRALGFEPKKEEIKKMISEIDKEGTGKMNFGDFTVMTQKMSEKDTKEEILKAFKLFDDDETGKISFKNLKRVAKE  
GENLTDEELQEMIDEADRDGDGEVSEQEFLRIMKKTSLY

**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.