

## Recombinant Human CETN1 Protein, His-tagged

Cat. No. CETN1-753H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CETN1 Protein (Met1-Tyr172) with His tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Tyr172
<b>Description</b>	<p>The protein encoded by this gene plays important roles in the determination of centrosome position and segregation, and in the process of microtubule severing. This protein 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.</p>
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 23.3 kDa; Accurate Molecular Mass: 25 kDa
<b>Purity</b>	> 95%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

**Storage**

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

**Storage Buffer**

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

**Reconstitution**

Reconstitute in PBS or others.

## GENE INFORMATION

**Gene Name**

CETN1 centrin, EF-hand protein, 1 [ Homo sapiens (human) ]

**Official Symbol**

CETN1

**Synonyms**

CETN1; centrin, EF-hand protein, 1; CETN; centrin-1; CEN1; caltractin; EF-hand protein; calcium binding protein;

**Gene ID**

1068

**mRNA Refseq**

NM\_004066

**Protein Refseq**

NP\_004057

**MIM**

603187

**UniProt ID**

Q12798

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA