

Recombinant Human CETN1 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CETN1 Protein (Met1-Tyr172) with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Tyr172
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 23.3 kDa; Accurate Molecular Mass: 25 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	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

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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

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