

## Recombinant Human CETN1, GST-tagged

Cat. No. CETN1-11128H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Recombinant Human CETN1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.

**Species** Human

**Source** E.coli

**ProteinLength** 1-172a.a.

**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 encoded 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.

**Storage** The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.

**Storage Buffer** 1M PBS (58mM Na<sub>2</sub>HPO<sub>4</sub>, 17mM NaH<sub>2</sub>PO<sub>4</sub>, 68mM NaCl, pH8. ) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

### GENE INFORMATION

**Gene Name** CETN1 centrin, EF-hand protein, 1 [ Homo sapiens ]

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<b>Official Symbol</b>	CETN1
<b>Synonyms</b>	CETN1; centrin, EF-hand protein, 1; CETN; centrin-1; CEN1; caltractin; EF-hand protein; calcium binding protein;
<b>Gene ID</b>	1068
<b>mRNA Refseq</b>	NM_004066
<b>Protein Refseq</b>	NP_004057
<b>MIM</b>	603187
<b>UniProt ID</b>	Q12798
<b>Chromosome Location</b>	18p11.32
<b>Function</b>	ATP binding; ATP-dependent helicase activity; G-protein beta/gamma-subunit complex binding; calcium ion binding; nucleic acid binding;

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