

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 ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 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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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
Chromosome Location	18p11.32
Function	ATP binding; ATP-dependent helicase activity; G-protein beta/gamma-subunit complex binding; calcium ion binding; nucleic acid binding;

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