

Recombinant Human CETN1

Cat. No. CETN1-27955TH Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant fragment of Human Centrin 1 with N terminal proprietary tag, 36.63kDa.
Species	Human
Source	Wheat Germ
ProteinLength	100 amino acids
Description	<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 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.</p>
Molecular Weight	36.630kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00 Constituents: 0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Sequences of amino acids MASGFKKPSAASTGQKRKVAPKPELTEDQKQEVREAFDLFDVDGSGTIDAKELKVA
MRALGFEPKKEEMKKMISEVDREGTGKISFNDFLAVMTQKMSEK

Sequence Similarities Belongs to the centrin family. Contains 4 EF-hand domains.

GENE INFORMATION

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

Official Symbol CETN1

Synonyms CETN1; centrin, EF-hand protein, 1; CETN; centrin-1; CEN1;

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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