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	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.
Molecular Weight	36.630kDa inclusive of tags
Form	Liquid
Purity	Proprietary Purification
Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	MASGFKKPSAASTGQKRKVAPKPELTEDQKQEVREAFDLFDVDGSGTIDAKELKVA MRALGFEPRKEEMKKMISEVDREGTGKISFNDFLAVMTQKMSEK
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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