

# Recombinant Full Length Human CETN1 Protein, GST-tagged

**Cat. No.** CETN1-3287HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CETN1 full-length ORF (NP_004057.1, 1 a.a. - 172 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	172 amino acids
<b>Description</b>	<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 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. [provided by RefSeq, Jan 2015]</p>
<b>Molecular Mass</b>	46 kDa
<b>AA Sequence</b>	<p>MASGFKKPSAASTGQKRKVAPKPELTEDQKQEVREAFDLFDVDGSGTIDAKELKVA  MRALGFEPKKEEMKKMISEVDREGTGKISFNDFLAVMTQKMSEKDTKEEILKAFRLF  DDDETGKISFKNLKRVANELGENLTDEELQEMIDEADRDGDGEVNEEEEFLRIMKKTS  LY</p>
<b>Applications</b>	<p>Enzyme-linked Immunoabsorbent Assay  Western Blot (Recombinant protein)  Antibody Production</p>

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

**Protein Array**

<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**GENE INFORMATION**

<b>Gene Name</b>	CETN1 centrin, EF-hand protein, 1 [ Homo sapiens ]
<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

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