

Recombinant Full Length Human CETN3 Protein, GST-tagged

Cat. No. CETN3-3290HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CETN3 full-length ORF (NP_004356.2, 1 a.a. - 167 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	167 amino acids
Description	The protein encoded by this gene contains four EF-hand calcium binding domains, and is a member of the centrin protein family. Centrins are evolutionarily conserved proteins similar to the CDC31 protein of <i>S. cerevisiae</i> . Yeast CDC31 is located at the centrosome of interphase and mitotic cells, where it plays a fundamental role in centrosome duplication and separation. Multiple forms of the proteins similar to the yeast centrin have been identified in human and other mammalian cells, some of which have been shown to be associated with centrosome fractions. This protein appears to be one of the most abundant centrins associated with centrosome, which suggests a similar function to its yeast counterpart. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014]
Molecular Mass	45.9 kDa
AA Sequence	MSLALRSELVVDKTKRKKRRELSEEQKQEIKDAFELFDTDKDEAIDYHELVKAMRAL GFDVKKADVLLKLDYDREATGKITFEDFNEVVTDWILERDPHEEILKAFKLFDGDDDS

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GKISLRNLRRVARELGENMSDEELRAMIEEFDKDGDGEINQEEFIAIMTGD I

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

CETN3 centrin, EF-hand protein, 3 [Homo sapiens]

Official Symbol

CETN3

Synonyms

CETN3; centrin, EF-hand protein, 3; centrin, EF hand protein, 3 (CDC31 yeast homolog); centrin-3; CDC31 yeast homolog; CEN3; EF hand superfamily member; EF-hand superfamily member; centrin, EF-hand protein, 3 (CDC31 homolog, yeast); MGC12502; MGC138245;

Gene ID

1070

mRNA Refseq

NM_004365

Protein Refseq

NP_004356

MIM

602907

UniProt ID

O15182

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