

Recombinant Human Centrin, EF-Hand Protein, 2, His-tagged

Cat. No. CETN2-3375H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CETN2 protein, fused to His-tag at N-terminus, was expressed in <i>E.coli</i> and purified by using conventional chromatography. MW = 21.9 kDa (192aa).
Species	Human
Source	E.coli
Description	CETN2, also called caltractin, belongs to a family of calcium-binding proteins and is a structural component of the centrosome. This protein plays a role in nucleotide excision repair via association with xeroderma pigmentosum group C protein, suggesting possible coupling of cell division and nucleotide excision repair.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.1M NaCl, 1mM DTT.
Purity	> 90% by SDS - PAGE.
Concentration	0.5 mg/ml (determined by Bradford assay).
Sequences Of Amino Acids	MGSSHHHHHH SSGLVPRGSH MASNFKKANM ASSQQRKRMS PKPELTEEQK QEIREAFDLF DADGTGTIDV KELKVAMRAL GFEPKKEEIK KMISEIDKEG TGKMNFGDFL TVMTQKMSEK DTKEEILKAF KLFDDDETGK ISFKNLKRVA KELGENLTDE ELQEMIDEAD RDGDGEVSEQ EFLRIMKKTS LY.
Storage	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.

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Pathways Nucleotide excision repair; Cell Cycle, Mitotic

GENE INFORMATION

Gene Name CETN2 centrin, EF-hand protein, 2 [Homo sapiens]

Synonyms centrin, EF-hand protein, 2; CALT; CEN2; CETN2; centrin-2; caltractin (20kD calcium-binding protein); Caltractin isoform 1

Gene ID 1069

mRNA Refseq NM_004344

Protein Refseq NP_004335

MIM 300006

UniProt ID P41208

Chromosome Location Xq28

Function ATP binding; ATP-dependent helicase activity; G-protein beta/gamma-subunit binding; calcium ion binding; nucleic acid binding; protein binding

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