

Recombinant Full Length Human CENPS Protein, GST-tagged

Cat. No. CENPS-1312HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human APITD1 full-length ORF (NP_954988.1, 1 a.a. - 138 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	138 amino acids
Description	Centrosome-associated protein E (CENPE) is a kinesin-like motor protein that accumulates in the G2 phase of the cell cycle. Unlike other centrosome-associated proteins, it is not present during interphase and first appears at the centromere region of chromosomes during prometaphase. This protein is required for stable spindle microtubule capture at kinetochores which is a necessary step in chromosome alignment during prometaphase. This protein also couples chromosome position to microtubule depolymerizing activity. Alternative splicing results in multiple transcript variants encoding distinct protein isoforms. [provided by RefSeq, Nov 2014]
Molecular Mass	42.3 kDa
AA Sequence	MEEEAETEEQ QRFSYQQLK AAVHYTVGCL CEEVALDKEM QFSKQTIAAI SELTFRQCEN FAKDLEMFAR HAKRTTINTE DVKLLARRSN SLLKYITDKS EEIAQINLER KAQKKKKSED GSKNSRQPAE AGVVESEN
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);

 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

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 [CENPS centromere protein S \[Homo sapiens \(human\) \]](#)

Official Symbol [CENPS](#)

Synonyms CENPS; centromere protein S; MHF1; APITD1; CENP-S; FAAP16; centromere protein S; FANCM associated histone fold protein 1; FANCM-interacting histone fold protein 1; Fanconi anemia-associated polypeptide of 16 kDa; apoptosis-inducing TAF9-like domain-containing protein 1; apoptosis-inducing, TAF9-like domain 1

Gene ID [378708](#)

mRNA Refseq [NM_199294](#)

Protein Refseq [NP_954988](#)

MIM [609130](#)

UniProt ID [Q8N2Z9](#)

 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