

Recombinant Human APITD1 protein, GST-tagged

Cat. No. APITD1-683H **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	Wheat Germ
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	MEEEAETEEQQRFSYQQLKAAVHYTVGCLCEEVALDKEMQFSKQTIAAISELTFRQ CENFAKDLEMFARHAKRTTINTEDVKLLARRSNSLLKYITDKSEEIAQINLERKAQKKK KSEDGSKNSRQPAEAGVVESEN
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

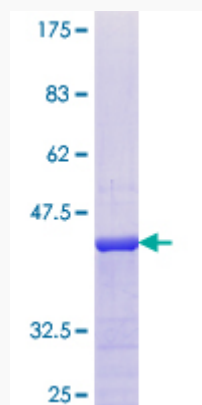
 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
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

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12.5% SDS-PAGE Stained with Coomassie Blue.

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