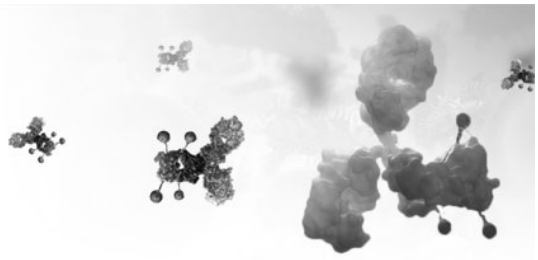

Human CENPF blocking peptide (CDBP0758)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-CENPF antibody
Antigen Description	This gene encodes a protein that associates with the centromere-kinetochore complex. The protein is a component of the nuclear matrix during the G2 phase of interphase. In late G2 the protein associates with the kinetochore and maintains this association through early anaphase. It localizes to the spindle midzone and the intracellular bridge in late anaphase and telophase, respectively, and is thought to be subsequently degraded. The localization of this protein suggests that it may play a role in chromosome segregation during mitotis. It is thought to form either a homodimer or heterodimer. Autoantibodies against this protein have been found in patients with cancer or graft versus host disease.
Nature	Synthetic
Expression System	N/A
Species	Human
Species Reactivity	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Procedure	None
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

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ANTIGEN GENE INFORMATION

Gene Name	CENPF centromere protein F, 350/400kDa (mitosin) [Homo sapiens]
Official Symbol	CENPF
Synonyms	CENPF; centromere protein F, 350/400kDa (mitosin); centromere protein F (350/400kD, mitosin); centromere protein F; hcp 1; mitosin; AH antigen; kinetochore protein CENPF; CENP-F kinetochore protein; cell-cycle-dependent 350K nuclear protein; centromere protein F, 350/400ka (mitosin); CENF; hcp-1; PRO1779;
Entrez Gene ID	1063
mRNA Refseq	NM_016343
Protein Refseq	NP_057427
UniProt ID	P49454
Chromosome Location	1q32-q41
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; DNA Replication, organism-specific biosystem; FOXM1 transcription factor network, organism-specific biosystem; M Phase, organism-specific biosystem; Mitotic M-M/G1 phases, organism-specific biosystem; Mitotic Prometaphase, organism-specific biosystem;
Function	chromatin binding; dynein binding; protein C-terminus binding; protein binding; protein homodimerization activity; transcription factor binding;

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