

Recombinant Human CENPF Protein, GST-Tagged

Cat. No. CENPF-1115H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CENPF partial ORF (NP_057427, 121 a.a. - 220 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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 mitosis. 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. [provided by RefSeq, Jul 2008]
Molecular Mass	36.74 kDa
AA Sequence	CKSELEERSQQAAQSADVSLNPCNTPQKIFTTPLTPSQYYSGSKYEDLKEKYNKEVEE RKRLEAEVKALQAKKASQTLQPQATMNHARDIARHQASSSVFSWQ
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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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

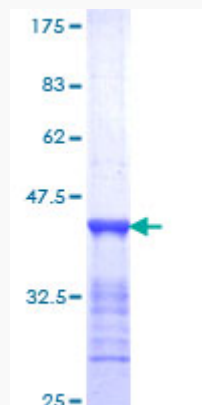
Gene Name	CENPF centromere protein F, 350/400kDa (mitosin) [Homo sapiens]
Official Symbol	CENPF
Synonyms	CENPF; centromere protein F, 350/400kDa (mitosin); centromere protein F (350/400kD, mitosin); centromere protein F; hcp 1; mitosin; AH antigen; kinetochore protein CENPF; CENP-F kinetochore protein; cell-cycle-dependent 350K nuclear protein; centromere protein F, 350/400ka (mitosin); CENF; hcp-1; PRO1779;
Gene ID	1063
mRNA Refseq	NM_016343
Protein Refseq	NP_057427
MIM	600236
UniProt ID	P49454

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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