

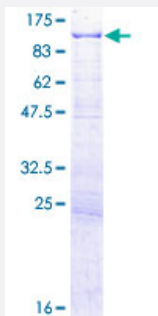
Full-Length

CENPC1 (Human) Recombinant Protein (P01)

Catalog # H00001060-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CENPC1 full-length ORF (AAH30695.1, 1 a.a. - 542 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAASGLDHLKNGYRRRFCRPSRARDINTEQGQNVLEILQDCFEESLANDFSTNSTKSVPNSTRK
IKDTCIQSPSKECQKSHPKSVPVSSKKKEASLQFVVEPSEATNRSVQAHEVHQKILATDVSSKNT
PDSKKISSRNINDHHSEADEEFYLSVGSPSVLLDAKTSVSQNVIPSSAQKRETYTFENSVNMLPSS
TEVSVKTKKRLNFDDKVMLKKIEIDNKVSDEEDKTSEGQERKPSGSSQNRIRDSEYEIQRQAKKS
FSTLFLETVKRKSESSPIVRHAATAPPHSCPPDDTKLIEDEFIIDESDQSFASRSWITIPRKAGSLKQ
RTISPAESTALLQGRKSREKHHNLPKTLANDKHSHKPHPVETSQPSDKTVLDTSYALIGETVNNYR
STKYEMYSKNAEKPSRSKRTIKQKQRRKFMAKPAAEQLDVGQSKDENIHTSHITQDEFQRNSDRN
MEEHEEMGNDCVSKKQMPVGSKKSSTRKDKEESKKKRFSSSESKNKLVPPEVTSTVTKSRRIS
RRPSDWWWVKSEESCLKC

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

87.9

Interspecies Antigen Sequence

Mouse (47); Rat (51)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CENPC1

Entrez GeneID	1060
GeneBank Accession#	BC030695.1
Protein Accession#	AAH30695.1
Gene Name	CENPC1
Gene Alias	CENP-C, CENPC, MIF2, hcp-4
Gene Description	centromere protein C 1
Omim ID	117141
Gene Ontology	Hyperlink
Gene Summary	Centromere protein C 1 is a centromere autoantigen and a component of the inner kinetochore plate. The protein is required for maintaining proper kinetochore size and a timely transition to anaphase. A putative pseudogene exists on chromosome 12. [provided by RefSeq]
Other Designations	centromere autoantigen C1

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)