

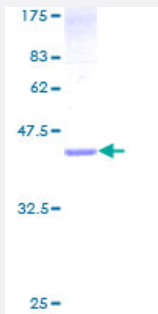
Full-Length

CENPA (Human) Recombinant Protein (P01)

Catalog # H00001058-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CENPA full-length ORF (AAH00881, 1 a.a. - 114 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGPRRRSRKPEAPRRRSPSPTPTGPSRRGPSLGASSHQHSRRRQGWLKEIRKLQKSTHLLIRK LPFSRLAAEAFLVHLFEDAYLLTLHAGRVTLFPKDVQLARRIRGLEEGLG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	38.28
Interspecies Antigen Sequence	Mouse (56); Rat (56)
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 — CENPA

Entrez GeneID [1058](#)

GeneBank Accession# [BC000881](#)

Protein Accession# [AAH00881](#)

Gene Name CENPA

Gene Alias CENP-A

Gene Description centromere protein A

Omim ID [117139](#)

Gene Ontology [Hyperlink](#)

Gene Summary Centromeres are the differentiated chromosomal domains that specify the mitotic behavior of chromosomes. CENPA encodes a centromere protein which contains a histone H3 related histone fold domain that is required for targeting to the centromere. CENPA is proposed to be a component of a modified nucleosome or nucleosome-like structure in which it replaces 1 or both copies of conventional histone H3 in the (H3-H4)₂ tetrameric core of the nucleosome particle. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq]

Other Designations OTTHUMP00000122589|centromere protein A, 17kDa