

Recombinant Full Length Human CENPT Protein, GST-tagged

Cat. No. CENPT-3146HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CENPT full-length ORF (NP_079358.1, 1 a.a. - 299 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	299 amino acids
Description	The centromere is a specialized chromatin domain, present throughout the cell cycle, that acts as a platform on which the transient assembly of the kinetochore occurs during mitosis. All active centromeres are characterized by the presence of long arrays of nucleosomes in which CENPA (MIM 117139) replaces histone H3 (see MIM 601128). CENPT is an additional factor required for centromere assembly (Foltz et al., 2006 [PubMed 16622419]).[supplied by OMIM, Mar 2008]
Molecular Mass	58.6 kDa
AA Sequence	MADHNPDS DSTPRTLRLRRVLD TADPRTPRRRPSARAGARRALLETASPRKLSGQTR TIARGRSHGARSVGRSAHIQASGHLEEQTPTLLKNILLTAPESSILMPESVVKPVPA PQAVQPSRQEESCGSLELQLPELEPPTTLAPGLLAPGRRKQRLRLSVFQQGVDQGL SLSQEPQGNADASSLTRSLNLT FATPLQPQSVQRPGLARRPPARRAVDVGAFRLDL RDTSLAPPNIVLED TQPF SQPMVGSPNVYHSLPCTPHTGAEDAEQAAGRKTQSSGP GLQKNSECVALVAWSQI

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production 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	CENPT centromere protein T [Homo sapiens]
Official Symbol	CENPT
Synonyms	CENPT; centromere protein T; C16orf56, chromosome 16 open reading frame 56; CENP T; FLJ13111; interphase centromere complex protein 22; CENP-T; C16orf56; FLJ43376;
Gene ID	80152
mRNA Refseq	NM_025082
Protein Refseq	NP_079358
MIM	611510
UniProt ID	Q96BT3

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