

Recombinant Human CENPT Protein, GST-Tagged

Cat. No. CENPT-1127H **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	Wheat Germ
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	MADHNPDSSTPRTLRLRRVLDLTADPRTPRRPRRSARAGARRALLETASPRKLSGQTR TIARGRSHGARSVGRSAHIQASGHLEEQTPTLLKNILLTAPESSILMPESVVKPVPA PQAVQPSRQESSCGSLELQLPELEPPTTLAPGLLAPGRRKQRLRLSVFQQGVDQGL SLSQEPQGNADASSLTRSLNLTATPLQPQSVQRPGLARRPPARRAVDVGAFRLDL RDTSLAPPNIVLEDTQPFSPQPMVGSPPNVYHSLPCTPHTGAEDAEQAAGRKTQSSGP GLQKNSECVALVAWSQI
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

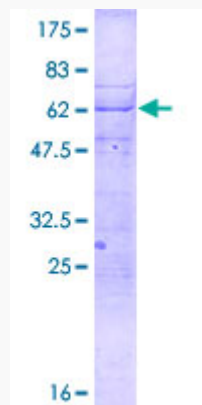
UniProt ID Q96BT3

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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