

Product datasheet for **TP303693L**

CENPT (NM_025082) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human centromere protein T (CENPT), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203693 protein sequence Red =Cloning site Green =Tags(s)

MADHNPDS DSTPRTLRRVLDTADPRTPRRPSARAGARRALLETASPRKLSGQTRTIAGRSHGARSVG
RSAHIQASGHLEEQTPTLLKNILLTAPESILMPESVVKVPVPAPQAVQPSRQESSCGSLELQLPELEPP
TTLAPGLLAPGRRKQRLRLSVFQQGVDQGLSLSQEPQGNADASSLTRSLNLTATPLQPQSVQRPGLARR
PPARRAVDVGAFLRDLRDTSLAPPNIVLEDTQPFSPQPMVGSPNVYHSLPCTPHTGAEDAEQAAGRKTQSS
GPGQLQKNSPGKPAQFLAGEAEVNAFALGFLSTSSGVSGEDEVEPLHDGVEEAEKKMEEEGVSVSEMEAT
GAQGSPRVEEAEGHTEVTEAEGSQGTAEADGPGASSGDESDASGRAASPEASSTPESLQARRHHQFLEPA
PAPGA AVLSSPAEPLLRHPPRPTTGPRPRQDPHKAGLSHYVKLFSFYAKMPMERKALEMVEKCLDKY
FQHLCDDELVFAAHAGRKTVPEDLELLMRRQGLVTDQVSLHVLVERHLPLEYRQLLPCAYSGNSVFPA
Q

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

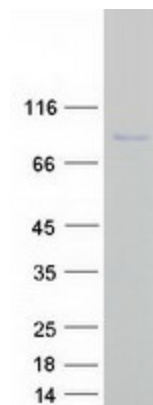
Tag:	C-Myc/DDK
Predicted MW:	60.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_079358</u>
Locus ID:	80152
UniProt ID:	<u>Q96BT3</u>
RefSeq Size:	2360
Cytogenetics:	16q22.1
RefSeq ORF:	1683
Synonyms:	C16orf56; CENP-T; SSMGA
Summary:	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]

Product images:



Coomassie blue staining of purified CENPT protein (Cat# [TP303693]). The protein was produced from HEK293T cells transfected with CENPT cDNA clone (Cat# [RC203693]) using MegaTran 2.0 (Cat# [TT210002]).