

Recombinant Full Length Human CENPO Protein, GST-tagged

Cat. No. CENPO-3143HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CENPO full-length ORF (NP_077298.1, 1 a.a. - 300 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	300 amino acids
Description	This gene encodes a component of the interphase centromere complex. The encoded protein is localized to the centromere throughout the cell cycle and is required for bipolar spindle assembly, chromosome segregation and checkpoint signaling during mitosis. Alternatively spliced transcript variants encoding multiple protein isoforms have been observed for this gene. [provided by RefSeq, Dec 2010]
Molecular Mass	60.2 kDa
AA Sequence	MEQANPLRPDGESKGGVLAHLERLETQVSRSRKQSEELQSVQAQEGALGTKIHKLR RLRDELRAVVRHRRASVKACIANVEPNQTVEINEQEALEEKLENVKAILQAYHFTGLS GKLTSRGVCVCISTAFEGNLLDSYFVDLVIQKPLRIHHHSVPVFIPLEEIAAKYLQTNIQ HFLFSLCEYLNAYSGRKYQADRLQSDFAALLTGPLQRNPLCNLLSFTYKLDPPGGQSF PFCARLLYKDLTATLPTDVTVCQGVEVLSTSWEEQRASHETLFACTKPLHQVFASFT RKGEKLDMSLVS
Applications	Enzyme-linked Immunoabsorbent Assay

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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 CENPO centromere protein O [Homo sapiens]

Official Symbol CENPO

Synonyms CENPO; centromere protein O; CENP O; MGC11266; centromeric protein O; interphase centromere complex protein 36; CENP-O; MCM21R; ICEN-36;

Gene ID 79172

mRNA Refseq NM_001199803

Protein Refseq NP_001186732

MIM 611504

UniProt ID Q9BU64

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