Recombinant Human CENPO Protein, GST-Tagged

Cat. No. CENPO-1123H **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	Wheat Germ
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 HFLFSLCEYLNAYSGRKYQADRLQSDFAALLTGPLQRNPLCNLLSFTYKLDPGGQSF PFCARLLYKDLTATLPTDVTVTCQGVEVLSTSWEEQRASHETLFCTKPLHQVFASFT RKGEKLDMSLVS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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	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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