

Recombinant Human CENPO Protein, GST-Tagged

Cat. No. CENPO-1123H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|--|
| 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 HFLFSLCEYLNAYSGRKYQADRLQSDFAALLTGPLQRNPLCNLLSFTYKLDPPGGQSF PFCARLLYKDLTATLPTDVTVTCQGVEVLSTSWEEQRASHETLFACTKPLHQVFASFT 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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