



Human CENPO peptide (DAG-P0339)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen 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]
Conjugate	Unconjugated
Format	Liquid
Preservative	None
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. Information available upon request.

GENE INFORMATION

Gene Name	CENPO centromere protein O [Homo sapiens (human)]
Official Symbol	CENPO
Synonyms	CENPO; centromere protein O; CENP-O; MCM21R; ICEN-36; centromeric protein O; interphase centromere complex protein 36;
Entrez Gene ID	79172
mRNA Refseq	NM_001199803.1
Protein Refseq	NP_001186732.1
UniProt ID	Q9BU64

Chromosome Location	2p23.3
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Chromosome Maintenance, organism-specific biosystem; Deposition of New CENPA-containing Nucleosomes at the Centromere, organism-specific biosystem; M Phase, organism-specific biosystem; Mitotic Anaphase, organism-specific biosystem; Mitotic Metaphase and Anaphase, organism-specific biosystem; Mitotic Prometaphase, organism-specific biosystem; Nucleosome assembly, organism-specific biosystem; Resolution of