



Human CENPE blocking peptide (DAG-P0348)

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

PRODUCT INFORMATION

Antigen Description	Centrosome-associated protein E is a kinesin-like motor protein that accumulates in the G2 phase of the cell cycle. Unlike other centrosome-associated proteins, it is not present during interphase and first appears at the centromere region of chromosomes during prometaphase. CENPE is proposed to be one of the motors responsible for mammalian chromosome movement and/or spindle elongation. [provided by RefSeq, Jul 2008]
Conjugate	Unconjugated
Applications	BL
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	CENPE centromere protein E, 312kDa [Homo sapiens (human)]
Official Symbol	CENPE
Synonyms	CENPE; centromere protein E, 312kDa; KIF10; CENP-E; PPP1R61; centromere-associated protein E; kinesin family member 10; kinesin-related protein CENPE; Centromere autoantigen E (312kD); protein phosphatase 1, regulatory subunit 61;
Entrez Gene ID	1062
mRNA Refseq	NM_001286734.1

Protein Refseq	NP_001273663.1
UniProt ID	Q02224
Chromosome Location	4q24-q25
Pathway	Adaptive Immune System, organism-specific biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; Hemostasis, organism-specific biosystem; Immune System, organism-specific biosystem; Kinesins, organism-specific biosystem; M Phase, organism-specific biosystem; MHC class II antigen presentation, organism-specific biosystem; Mitotic Anaphase, organism-spe
Function	ATP binding; kinetochore binding; microtubule binding; microtubule motor activity; protein binding;