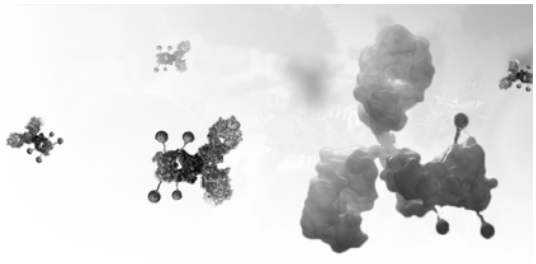

Human CENPJ peptide (DAG-P0279)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a protein that belongs to the centromere protein family. During cell division, this protein plays a structural role in the maintenance of centrosome integrity and normal spindle morphology, and it is involved in microtubule disassembly at the centrosome. This protein can function as a transcriptional coactivator in the Stat5 signaling pathway, and also as a coactivator of NF-kappaB-mediated transcription, likely via its interaction with the coactivator p300/CREB-binding protein. Mutations in this gene are associated with primary autosomal recessive microcephaly, a disorder characterized by severely reduced brain size and mental retardation. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Apr 2012]
Conjugate	Unconjugated
Sequence Similarities	Belongs to the TCP10 family.
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	CENPJ centromere protein J [Homo sapiens (human)]
Official Symbol	CENPJ
Synonyms	CENPJ; centromere protein J; LAP; CPAP; LIP1; BM032; MCPH6; SASS4; SCKL4; Sas-4; CENP-J; LAG-3-associated protein; LYST-interacting protein 1; LYST-interacting protein LIP1; LYST-interacting protein LIP7; centrosomal P4.1-associated protein;

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Entrez Gene ID	55835
mRNA Refseq	NM_018451.4
Protein Refseq	NP_060921.3
UniProt ID	A8K8P1
Chromosome Location	13q12.12
Pathway	Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem; Centrosome maturation, organism-specific biosystem; G2/M Transition, organism-specific biosystem; Loss of Nlp from mitotic centrosomes, organism-specific biosystem; Loss of proteins required for interphase microtubule organization??from the centrosome, organism-specific biosystem; Mitotic G2-G2/M phases, organism-specific biosystem; Recruitment of mitotic centrosome proteins and complexes, organism-specifi
Function	protein binding; protein domain specific binding; protein kinase binding; tubulin binding;

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