



Human SPAG9 peptide (DAG-P0603)

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

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the cancer testis antigen gene family. The encoded protein functions as a scaffold protein that structurally organizes mitogen-activated protein kinases and mediates c-Jun-terminal kinase signaling. This protein also binds to kinesin-1 and may be involved in microtubule-based membrane transport. This protein may play a role in tumor growth and development. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Oct 2011]
Purity	70 - 90% by HPLC.
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	SPAG9 sperm associated antigen 9 [Homo sapiens (human)]
Official Symbol	SPAG9
Synonyms	SPAG9; sperm associated antigen 9; JLP; CT89; HLC4; HLC6; JIP4; PHET; PIG6; HLC-6; JIP-4; C-Jun-amino-terminal kinase-interacting protein 4; sunday driver 1; Max-binding protein; sperm surface protein; lung cancer oncogene 4; JNK interacting protein; cancer/testis antigen 89; JNK/SAPK-associated protein; proliferation-inducing gene 6; protein highly expressed in testis; human lung cancer oncogene 6 protein; mitogen-activated protein kinase 8-interacting protein 4; c-Jun NH2-terminal kinase-associated leucine zipper protein;

Entrez Gene ID	9043
mRNA Refseq	NM_001130527.2
Protein Refseq	NP_001123999.1
UniProt ID	O60271
Chromosome Location	17q21.33
Pathway	Arf6 trafficking events, organism-specific biosystem; CDO in myogenesis, organism-specific biosystem; Developmental Biology, organism-specific biosystem; Myogenesis, organism-specific biosystem;
Function	JUN kinase binding; kinesin binding; mitogen-activated protein kinase p38 binding; protein binding;