

Recombinant Human SPAG9 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SPAG9-3116H Lot. No. (See product label)

SPECIFICATION

Product Overview	SPAG9 MS Standard C13 and N15-labeled recombinant protein (NP_003962) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	144.5 kDa
AA Sequence	MELEDGVVYQEEPGGSGAVMSERVSGLAGSIYREFERLIGRYDEEVVKELMPLVVA VLENLDSVFAQDQEHQVELELLRDDNEQLITQYEREKALRKHAEEKFIEFEDSQEQE KKDLQTRVESLESQTRQLELKAKNYADQISRLEEREAEKKEYNALHQRHTEMIHNY MEHLERTKLHQLSGSDQLESTAHSRIRKERPISLGIFPLPAGDGLLTPDAQKGGETP GSEQWKFQELSQPRSHTSLKDELSQGGSKATTPASTANSVDVATIPTDTPLKEE NEGFVKVTDAPNKSEISKHIEVQVAQETRNVTGSAENEEKSEVQAIIESTPELMDMK DLSGYKGSSTPTKGIENKAFDRNTESLFEELSSAGSGLIGDVDEGADLLGMGREVEN

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LILENTQLLETKNALNIVKNDLIAKVDELTCCKDVLQGELEAVKQAKLKLEEKNNRELEE
ELRKARAEAEADARQKAKDDDDSDIPTAQRKRFTVRVEMARVLMERNQYKERLMELQ
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EPGSQTPLKSM LVISGGEGYIDFRMGDEGGESELLGEDLPLEPSVTKAERSHLIVWQ
VMYGNETRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

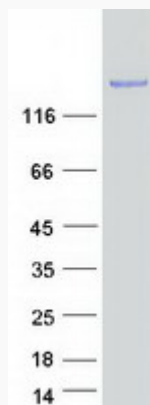
GENE INFORMATION

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Gene Name	SPAG9 sperm associated antigen 9 [Homo sapiens (human)]
Official Symbol	SPAG9
Synonyms	SPAG9; sperm associated antigen 9; C-Jun-amino-terminal kinase-interacting protein 4; c Jun NH2 terminal kinase associated leucine zipper protein; cancer/testis antigen 89; CT89; FLJ13450; FLJ14006; FLJ26141; FLJ34602; HLC 4 protein; HLC4; HSS; JLP; JNK interacting protein; JNK associated leucine zipper protein; JNK/SAPK associated protein; KIAA0516; lung cancer oncogene 4; Max binding protein; MGC14967; MGC74461; MGC117291; PHET; PIG6; proliferation inducing gene 6; sperm specific protein; sperm surface protein; SYD1; sunday driver 1; Max-binding protein; 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; HLC6; JIP4; HLC-6; JIP-4;
Gene ID	9043
mRNA Refseq	NM_003971
Protein Refseq	NP_003962
MIM	605430
UniProt ID	O60271

SDS-PAGE

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