

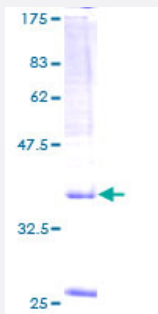
Full-Length

SPAG9 (Human) Recombinant Protein (P01)

Catalog # H00009043-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SPAG9 full-length ORF (AAH07524, 1 a.a. - 131 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MSPGCMLLFVFGFVGGAVVINSAILVSLSVLLLVHFSISTGVPALTQNLPRILRKERPISLGIFPLPAG DGLLTPDAQKGGETPGSEQWKFQELSQPRSHTSLKVSNSPEPQKAVEQEVRMVLNLTQKVY
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	40.15
Interspecies Antigen Sequence	Mouse (96); Rat (96)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SPAG9

Entrez GeneID	9043
GeneBank Accession#	BC007524
Protein Accession#	AAH07524
Gene Name	SPAG9
Gene Alias	FLJ13450, FLJ14006, FLJ26141, FLJ34602, HLC4, JLP, KIAA0516, MGC117291, MGC14967, MGC74461, PHET, PIG6
Gene Description	sperm associated antigen 9
Omim ID	605430
Gene Ontology	Hyperlink
Gene Summary	Extracellular signals are transduced into cells through mitogen-activated protein kinases. The structural organization of these kinases into specific signaling domains is facilitated by scaffolding proteins involved in closely tethering different kinases so that successive phosphorylation events can occur. The protein encoded by this gene is a scaffolding protein that brings together mitogen-activated protein kinases and their transcription factor targets for the activation of specific signaling pathways. This gene which is abundantly expressed in testicular haploid germ cells encodes a protein that is recognized by sperm-agglutinating antibodies and implicated in infertility. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	HLC-4 protein JNK interacting protein JNK-associated leucine-zipper protein JNK/SAPK-associated protein Max-binding protein c-Jun NH2-terminal kinase-associated leucine zipper protein lung cancer oncogene 4 proliferation-inducing gene 6 sperm specific pro

Publication Reference

- [The expression of DAMP proteins HSP70 and cancer-testis antigen SPAG9 in peripheral blood of patients with HCC and lung cancer.](#)

Ren B, Luo S, Xu F, Zou G, Xu G, He J, Huang Y, Zhu H, Li Y.

Cell Stress & Chaperones 2017 Mar; 22(2):237.

Application: ELISA, Human, Serum from healthy donors, human lung cancer, human hepatocellular carcinoma