

## SPAG9 Protein, Human, Recombinant (His & Myc)

### General Information

Synonyms:	Sperm-specific protein;Mitogen-activated protein kinase 8-interacting protein 4;SPAG9; Sperm surface protein;Sperm-associated antigen 9;Cancer/testis antigen 89 (CT89);JNK-interacting protein 4;JIP-4;MAPK8IP4;C-Jun-amino-terminal kinase-interacting protein 4;HSS; Human lung cancer oncogene 6 protein (HLC-6);KIAA0516;SYD1;Proliferation-inducing protein 6;Protein highly expressed in testis (PHET);JNK-associated leucine-zipper protein (JLP);Sunday driver 1
Protein Construction:	408-534 aa
Species:	Human
Expression Host:	E. coli
Accession:	O60271
Molecular Weight:	20.0 kDa (Predicted)
AA Sequence:	REVENLILENTQLLETKNALNIVKNDLIAKVDELTCEDVLQGELEAVKQAKLKLEEKKNRELEEELRKARAEAE ARQKAKDDDDSDIPTAQRKRFRVEMARVLMERNQYKERLMELQEAVRWTEM

### QC Testing

Biological Activity:	Activity has not been tested. It is theoretically active, but we cannot guarantee it.
Purity:	>85% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/μg of the protein as determined by the LAL method.
Formulation:	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.

### Preparation and Storage

Reconstitution:	Reconstitute the lyophilized protein in sterile deionized water. The product concentration should not be less than 100 μg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.
Stability & Storage:	Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.
Shipping:	In general, Lyophilized powders are shipping with blue ice. Solutions are shipping with dry ice.

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