

SPIN4 Protein, Human

Cat. No.:	HY-P701841
Synonyms:	SPIN4; Spindlin-4
Species:	Human
Source:	E. coli
Accession:	Q56A73 (S2-P249)
Gene ID:	139886
Molecular Weight:	

PROPERTIES

Appearance	Solution.
Formulation	Supplied as a 0.22 µm filtered solution of 50 mM Tris-HCl, pH7.5, 200 mM NaCl, 20% glycerol.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	Please use rapid thawing with running water to thaw the protein.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

DESCRIPTION

Background	SPIN4 protein showcases H3K4me3-binding activity, indicating its affinity for histone H3 trimethylated at lysine 4. This unique binding ability suggests a potential role for SPIN4 in recognizing specific chromatin modifications, implicating it in the regulation of gene expression or chromatin dynamics. Additionally, SPIN4 interacts with C11orf84/SPINDOC, indicating a potential partnership or functional association with this interacting protein. These molecular interactions underscore the intricate involvement of SPIN4 in epigenetic processes and protein-protein interactions, hinting at its potential significance in cellular regulation and chromatin-related functions.
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Caution: Product has not been fully validated for medical applications. For research use only.

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