

Recombinant Human Spindlin 1, His-tagged

Cat. No. SPIN1-6839H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SPIN1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	1-262aa
Description	SPIN1 belongs to the SPIN/STSY family. It is expressed in various tissues and cells, is localized to nucleus. This protein may play a role in cell-cycle regulation during the transition from gamete to embryo.
Form	Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.15M NaCl.
Molecular Mass	32.0kDa(285aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHH SSGLVPRGSH MGSMKTPFGK TPGQRSRADA GHAGVSANMM KKRTSHKKHR SSVGPSKPVS QPRRNIVGCR IQHGWKEGNG PVTQWKGTVL DQVPVNPSLY LIKYDGFDCV YGLELNKDER VSALEVLPRD VATSRISDAH LADTMIGKAV EHMFTEDGS KDEWRGMVLA RAPVMNTWFY ITYEKDPVLY MYQLDDYKE GDLRIMPDSN DSPPAEREPG EVVDSLVGKQ VEYAKEDGSK RTGMVIHQVE AKPSVYFIKF DDDFHIYVYD LVKTS
Purity	>90% by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	SPIN1 spindlin 1 [Homo sapiens]
Official Symbol	SPIN1
Synonyms	SPIN1; spindlin 1; SPIN; spindlin-1; ovarian cancer-related protein; OCR; spindlin
Gene ID	10927
mRNA Refseq	NM_006717
Protein Refseq	NP_006708
MIM	609936
UniProt ID	Q9Y657
Chromosome Location	9q22.1
Function	DNA binding; methylated histone residue binding

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