

SPIN1, 1-262aa, Human, His tag, E.coli

Cat.NO.: TP04014

3th Edition

Synonyms:Spindlin-1, Spin

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. Recombinant human SPIN1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol 0.15M NaCl

Molecular Weight:32.0kDa(285aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMKTPFGKTPGQRSRADAGHAGVSANMMKKRTSHKKHRSSVGPSKPVSQP
RRNIVGCRIQHGWKEGNGPVTQWKGTVLDQVPVNPSLYLIKYDGFDCVYGLELNKDERVSALEVLPDRVATSRISD
AHLADTMIGKAVEHMFETEDGSKDEWRGMVLARAPVMNTWIFYITYEKDPVLYMYQLLDDYKEGDLRIMPDSNDSP
PAEREPGEVVDSL VGKQVEYAKEDGSKRTGMVIHQVEAKPSVYFIKFDDDFHIYVYDLVKTS

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

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.