Product datasheet for TP514873

Spindoc (NM_001167831) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse spindlin interactor and repressor of chromatin binding (Spindoc), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR214873 representing NM_001167831 Red=Cloning site Green=Tags(s) MALKAKGAAALDCFEVTLKCEEGDDDDEAVVVAVIPRPEPMLRVTQQEKTPPPRPNLLEAGVEGCEELKQ QVSWEQEFLVGNSPGGSGRALCMVCGAEIRSPSADTARAHILEQHPHTLDLSPSEKSNILEAWSEGVALL QDIQADQPSLPSLESGQDGQPDPISNPDPVRMPAEIVVLLDSEDNPSLPKRLRPRGLRPLELPVTPVIEQ GNKKPRGQRWKESPENEPARKKRSRHMTKILDPDPDPPSPESPTETFAAPAEVRHFTDGSFPPGFVLQLF SHTQLRTTDCKDSSKDSRAAEGLPQPQNPSSGEPC TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	34.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001161303
Locus ID:	68229
UniProt ID:	Q05AH6

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RefSeq Size:	1594
Cytogenetics:	19 A
RefSeq ORF:	945
Synonyms:	1700105P06Rik; AI846148; SPIN-DOC
Summary:	Negatively regulates the transcriptional activator activity of SPIN1 via inhibition of its histone methyl-binding ability. Represses the expression of a number of SPIN1-regulated genes and the SPIN1-mediated activation of the Wnt signaling pathway (PubMed:29061846). Can also inhibit the histone methyl-binding abilities of SPIN2A, SPIN2B, SPIN3 and SPIN4 (By similarity). [UniProtKB/Swiss-Prot Function]