

Product datasheet for TP313848M

SPIRE1 (NM_020148) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human spire homolog 1 (Drosophila) (SPIRE1), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC213848 protein sequence Red =Cloning site Green =Tags(s)

MANTVEADGSNDEGYEAAEEGLGDEDEKRRKISAIRSYRDVMKLCAAHLPTESDAPNHYQAVCRALFAETM
ELHTFLTIKISAKENLKKIQEMEKSDSSTDLEELKNADWARFVWQVMRDLRNGVKLKKVQERQYNPLPI
EYQLTPYEMLMDDIRCKRYTLRKVMVNGDIPPRLLKSAHEIILDFIRSRPPLNPVSARKLKPTPPRPSL
HERILEEIKAEKLRPVSPPEIIRSRDLVTTPESTKNLVESMVMNGGLTSQTKENGLSTSQQVPAQRKKL
LRAPTLAELDSSESEEEETLHKSTSSSSVSPSPFPEEPVLEAVSTRKKPKFLPISSTPQPERRQPPQRRHS
IEKETPTNVRQFLPPSRQSSRSLEEFQYVVECLALTVVEVMHIRQVLVKAEELEKYQQYKDIYTALKKGKL
CFCRRTRRFSFFTWSYTCQFCKRPVCSQCCKMRLPSKPYSTLPIFSLGPSALQRGESSMRSEKPSSTAAHH
RPLRSIARFSSKSKSMDKSDEELQFPKELMEDWSTMEVCVDCKKFISEIISRRSLVLANKRARLRKRT
QSFYMSSPGPSEYCPSERTISEI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	83.8 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.



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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_064533](#)

Locus ID: 56907

UniProt ID: [Q08AE8](#)

RefSeq Size: 5402

Cytogenetics: 18p11.21

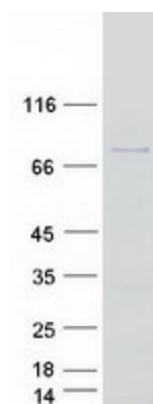
RefSeq ORF: 1749

Synonyms: Spir-1

Summary: Spire proteins, such as SPIRE1, are highly conserved between species. They belong to the family of Wiskott-Aldrich homology region-2 (WH2) proteins, which are involved in actin organization (Kerkhoff et al., 2001 [PubMed 11747823]).[supplied by OMIM, Mar 2008]

Protein Pathways: Dorso-ventral axis formation

Product images:



Coomassie blue staining of purified SPIRE1 protein (Cat# [TP313848]). The protein was produced from HEK293T cells transfected with SPIRE1 cDNA clone (Cat# [RC213848]) using MegaTran 2.0 (Cat# [TT210002]).