

## Product datasheet for **TP305801M**

### SCIN (NM\_033128) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human scinderin (SCIN), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205801 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MARELYHEEFARAGKQAGLQVWRIEKLELVPVQSAHGDFYVGDAYLVLHTAKTSRGFTYRLHFWLGKEC  
SQDESTAAAIFTVQMDDYLGGKPVQNRELQGYESNDFVSYFKGGLKYKAGGVASGLNHVLTNDLTAKRLL  
HVKGRRVVRATEVPLSWDSFNKGDGCFIIDLGTEIQWCGSSCNKYERLKANQVATGIRYNERKGRSELIV  
VEEGSEPELIKVLGEKPELPDGGDDDDIADISNRKMAKLYMVSASGSMRVTVAEENPFMAMLLSE  
ECFILDHGAAKQIFVWKGKDANPQERKAAMKTAEEFLQMQMNSKNTQIQVLEPGETPIFKQFFKDWDRDK  
DQSDGFGKVYVTEKVAQIKQIPFDASKLHSSPQMAAQHNMVDDGSGKVEIWRVENNGRIQVDQNSYGEFY  
GGDCYIILTYPRGQIIYTWQGANATRDELTTSAFLTVQLDRSLGGQAVQIRVSQGKEPVHLLSLFKDKP  
LIYKNGTSSKGGQAPAPPTRLFQVRRNLASITRIVEVDVDANSLNSNDVFLKLPQNSGYIWWGKGASQ  
EEEKGAEYVASVLKCKTLRIQEGEPEEFWNSLGGKKDYQTSPLLETQAEDHPPRLYGCSNKTGRFVIEE  
IPGEFTQDDLAEDDVMMLLDAWEQIFIWIGKDANEVEKESLSAKMYLETDPSPGRDKRTPIVIICKQGHEP  
PTFTGWFLGWSSKW

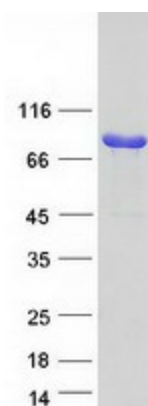
**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	52.6 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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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<u>NP_149119</u>
<b>Locus ID:</b>	85477
<b>UniProt ID:</b>	<u>Q9Y6U3</u>
<b>RefSeq Size:</b>	2586
<b>Cytogenetics:</b>	7p21.3
<b>RefSeq ORF:</b>	2145
<b>Summary:</b>	SCIN is a Ca(2+)-dependent actin-severing and -capping protein (Zunino et al., 2001 [PubMed 11568009]).[supplied by OMIM, May 2010]
<b>Protein Pathways:</b>	Fc gamma R-mediated phagocytosis, Regulation of actin cytoskeleton

**Product images:**

Coomassie blue staining of purified SCIN protein (Cat# [TP305801]). The protein was produced from HEK293T cells transfected with SCIN cDNA clone (Cat# [RC205801]) using MegaTran 2.0 (Cat# [TT210002]).