

## Product datasheet for TP509752

### Misp (NM\_030218) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse mitotic spindle positioning (Misp), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR209752 representing NM_030218 Red=Cloning site Green=Tags(s)

MDRVTRYPIFSNPRSARVTSVLVLEDETSYTVELVGVGPEAGWSQGDQLQAWSTEYQTRPDVKRTNVSSNRR  
VFLGQQSPRSLYLEDEDEEIKSYHLDDSSDTLCRQRRELEAERWAVIQSQA VRKGGTVATLQAASDHGDL  
RIARQPQSTVTEEILVDTEQIDFLAARQQFLSLEKANTNPVPCGLTARETFPRTPPGINQAPKASTGPHL  
ANGYTTAVTSPMKEVTLEKSFHVSPARSIHIVNDPGSQTQAESPETPKETPIEREIRLAQEREAELREQR  
GLGRAAGHQELVQIPSRPLLSKMSLTETPPRRDRGRPSLYVQRDMVQETQREEDHRREGLQVGRASPDPW  
PSQDPQGLQRSLSDDCILSPDARATDPAPEARVKNRIPLDAYQPYLGPQPKLEFSAFGVYKPSGSVST  
EDTKATVFQKATESPRHVSESSGRSLSSKQEWKPPGKATNVGVVRLGNFHLRPLRFKVPDVPQGTETPH  
TWGWEVAGGPILRLQKSQSSDLLEREMESVLRREVAEERRNAFFPEVFPVPAEDESHEQDSRSSSRA  
SGITGSYSVSESPVHLNSGLVWKVEAPEDSAPPQKTRKEMWYAGINPSDSVNSEVLGATRVKRHK  
NLLAERWEAHIYASEDEN

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	72.3 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.



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RefSeq: [NP\\_084494](#)

Locus ID: 78906

UniProt ID: [Q9D279](#)

RefSeq Size: 2427

Cytogenetics: 10 C1

RefSeq ORF: 1944

Synonyms: 9130017N09Rik

**Summary:** Plays a role in mitotic spindle orientation and mitotic progression. Regulates the distribution of dynactin at the cell cortex in a PLK1-dependent manner, thus stabilizing cortical and astral microtubule attachments required for proper mitotic spindle positioning. May link microtubules to the actin cytoskeleton and focal adhesions. May be required for directed cell migration and centrosome orientation. May also be necessary for proper stacking of the Golgi apparatus (By similarity).[UniProtKB/Swiss-Prot Function]