

## Product datasheet for **TP520069**

### Matk (NM\_010768) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse megakaryocyte-associated tyrosine kinase (Matk), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR220069 representing NM_010768
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MARRSSRVSWLAFEGWESRDLPRVSPRLFGAWHPAPAAARMPTRWAPGTQCMTKCENSRPKPGELAFRKG  
DMVTILEACEDKSWYRAKHHGSGQEGLLAAAALRQREALSTDPKLSLMPWFHKGISGQEIQLQPPEDG  
LFLVRESARHPGDYVLCVSFGRDVIHYRVLHRDGHLTIDEAVCFCNLMDMVEHYTKDKGAICTKLVKPRR  
KQGAKSAEEELAKAGWLLDLQHLTLGAQIGEGEFGAVLQGEYLGQKQVAVKNIKCDVTAQAFLEDETAVMTK  
LQHRNLVRLLGVILHHGLYIVMEHVSKGNLVNFLRTRGRALVSTSQLLQFALHVAEGMEYLESKKLVHRD  
LAARNILVSEDLVAKVSDFLAKAERKGLDSSRLPVKWTAPEALKNGRFSSKSDVWSFGVLLWEVFSYGR  
APYPKMSLKEVSEAVEKGYRMEPPDGCPGSVHTLMGSCWEAEPARRPPFRKIVEKLGRELRSVGSAPAG  
GQEAEGSAPTRSQDP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	56.6 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
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:	<a href="#">NP_034898</a>



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**Locus ID:** 17179

**UniProt ID:** [P41242](#), [A0A0R4J1N6](#)

**RefSeq Size:** 1734

**Cytogenetics:** 10 C1

**RefSeq ORF:** 1515

**Synonyms:** CHK; HYL; Ntk; p56ntk

**Summary:** Could play a significant role in the signal transduction of hematopoietic cells. May regulate tyrosine kinase activity of SRC-family members in brain by specifically phosphorylating their C-terminal regulatory tyrosine residue which acts as a negative regulatory site. It may play an inhibitory role in the control of T-cell proliferation.[UniProtKB/Swiss-Prot Function]