

## Product datasheet for **TP506100**

### Kin (NM\_025280) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse Kin17 DNA and RNA binding protein (Kin), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR206100 protein sequence
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MGKSDFLSPKAIANRIKSKGLQKLRWYQMCQKQCRDENGFKCHCMSESHQRQLLLASENPQQFMDYFSE  
EFRNDFLELLRRRFGTKRVHNNIVYNEYISHREIHMNATQWETLTDFTKWLGREGLCKVDETPKGWYIQ  
YIDRDPETIRRQLELEKQDLDDDEKTAKFIEEQVRRGLEGKEQETPVFTELSRENEEEKVTFNLNKG  
AGGSAGATTSSKSSSLGPSALKLLGSAASGKRKESSQSSAQPAPKKKKSALDEIMELEEEKRTARTDAWLQ  
PGIVVKIITKKLGEKYHKKKGWVKEVIDRYTAVKMTDSGDRLKLDQTHLETVIPAPGKRVLVLNGGYRG  
NEGTLESINEKAFSATIVIETGPLKGRRVEGIQYEDISKLA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	44.7 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_079556</a>
Locus ID:	16588
UniProt ID:	<a href="#">Q8K339</a>



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RefSeq Size: 1379

Cytogenetics: 2 A1

RefSeq ORF: 1176

Synonyms: Kin17

**Summary:** Involved in DNA replication and the cellular response to DNA damage. May participate in DNA replication factories and create a bridge between DNA replication and repair mediated by high molecular weight complexes. May play a role in illegitimate recombination and regulation of gene expression. May participate in mRNA processing. Binds, in vitro, to double-stranded DNA. Also shown to bind preferentially to curved DNA in vitro and in vivo. Binds via its C-terminal domain to RNA in vitro.[UniProtKB/Swiss-Prot Function]