

Product datasheet for **TP503016**

Tpk1 (NM_013861) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse thiamine pyrophosphokinase (Tpk1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203016 protein sequence Red =Cloning site Green =Tags(s)
	MEHAFTPLEPLLPTGNLKYCLVVLNQPLDARFRHLWKKALLRACADGGANHLYDLTEGERESFLPEFVSG DFDSIRPEVKEYYTKKGCGLISTPDQDHTDFTKCLQVLQRKIEEKELQVDVIVTLGGLGGRFDQIMASVN TLFQATHITPVPIIIQKDSLIIYLLQPGKHLHVDTGMEGSWCGLIPVGQPCNQVTTTGLKWNLTNDVLG FGTLVSTSNYDGSGLVTVETDHPLLWTMAIKS
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	27.1 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:	NP_038889
Locus ID:	29807
UniProt ID:	Q9ROM5
RefSeq Size:	2562



[View online »](#)

Cytogenetics: 6 B2.1

RefSeq ORF: 732

Summary: Catalyzes the phosphorylation of thiamine to thiamine pyrophosphate. Can also catalyze the phosphorylation of pyrithiamine to pyrithiamine pyrophosphate.[UniProtKB/Swiss-Prot Function]