

Product datasheet for **TP503954**

Pih1d1 (NM_029406) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse PIH1 domain containing 1 (Pih1d1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR203954 protein sequence Red =Cloning site Green =Tags(s)
	 MADSTFLAPELSDTESMGEETVRFQELLLKASKELQQAQTARPDSTQIQPKPGFCVKTNSSSEGKVFINIC HSPSIPPPADVTEDELLQMLEEDQAGFRIPMSLGPHEALDAKGQGCTAYDVAVNSNFYLRMQNSDFLRE LVVTIAREGLEDKYGLQLNPEWRMLKYRSFLGSISQQNIRSQQRPRIQELGTLDASGSLGTCHGPERPHL NLWLEAPDLLLAEVDLPKLDGAQGLALEIGENRLVIGGPQQLYHLDATVPLRINSEASRAAFHRRRKQLM VSMPLLTAPS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	32.2 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_083682
Locus ID:	68845
UniProt ID:	Q9CQJ2



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RefSeq Size: 1196

Cytogenetics: 7 B3

RefSeq ORF: 873

Synonyms: 1110061L23Rik; 4933413A04Rik; Nop17

Summary: Involved in the assembly of C/D box small nucleolar ribonucleoprotein (snoRNP) particles. Recruits the SWI/SNF complex to the core promoter of rRNA genes and enhances pre-rRNA transcription. Mediates interaction of TELO2 with the R2TP complex which is necessary for the stability of MTOR and SMG1. Positively regulates the assembly and activity of the mTORC1 complex.[UniProtKB/Swiss-Prot Function]