

Product datasheet for **TP519962**

Prr16 (NM_001081224) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse proline rich 16 (Prr16), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR219962 protein sequence Red =Cloning site Green =Tags(s)
	MSAKSKGNPSSSSAAEGPPAASKTKVKEQIKIIVEDLELVGLDKDVAKEKKEWDQIDTLTSDLQLEDE MTDSSKDTLNSSSSGTTASSIEKIQANAPLIKPPAHPSAILTVLRKPNPPPPRLTPVRCEEPQRV VPTANPVKTNGTLLRNGGLAGRPNKIPNGDICCIPNSNLDKAPLQSLMHRPEKDRSPQAGPRERVRFNEK VQYHGYCPDCESRYNIKNREVLHSEPVHPPGKIPHQGPLLHPPPHLPNFPLENGGLGISHSNSFPPTP ATVPPPAAPKPQKTILRKSTTTTV
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	32.8 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:	<u>NP_001074693</u>
Locus ID:	71373
UniProt ID:	<u>A3KMN5</u>



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RefSeq Size:	2224
Cytogenetics:	18 D1
RefSeq ORF:	912
Synonyms:	5430406M13Rik; AI607429
Summary:	Regulator of cell size that promotes cell size increase independently of mTOR and Hippo signaling pathways. Acts by stimulating the translation of specific mRNAs, including those encoding proteins affecting mitochondrial functions. Increases mitochondrial mass and respiration (Probable).[UniProtKB/Swiss-Prot Function]