

## Product datasheet for TP500540

### Mtpn (NM\_008098) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse myotrophin (Mtpn), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200540 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MCDKEFMWALKNGDLDEVKDYVAKGEDVNRRTLEGGRKPLHYAADCGQLEILEFLLKGDINAPDKHHI T PLLSAVYEGHVSCVKLLLSKGADKTVKGPDGLTALEATDNQAIKALLQ  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	12.9 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><a href="#">NP_032124</a></u>
Locus ID:	14489
UniProt ID:	<u><a href="#">P62774</a></u>
RefSeq Size:	4042
Cytogenetics:	6 B1


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RefSeq ORF: 354

Synonyms: 5033418D15Rik; Gcdp; V1

**Summary:** Promotes dimerization of NF-kappa-B subunits and regulates NF-kappa-B transcription factor activity. Promotes growth of cardiomyocytes, but not cardiomyocyte proliferation. Promotes cardiac muscle hypertrophy (By similarity). Plays a role in the regulation of the growth of actin filaments. Inhibits the activity of the F-actin-capping protein complex formed by the CAPZA1 and CAPZB heterodimer.[UniProtKB/Swiss-Prot Function]