

## Product datasheet for **TP500012**

### Tmsb4x (NM\_021278) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse thymosin, beta 4, X chromosome (Tmsb4x), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR200012 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MSDKPDMAEIEKFDKSKLKKTTETQEKNPLPSKETIEQEKQAGES  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-MYC/DDK
Predicted MW:	5.1 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:	<a href="#">NP_067253</a>
Locus ID:	19241
UniProt ID:	<a href="#">P20065</a> , <a href="#">Q6ZWX2</a>
RefSeq Size:	670
Cytogenetics:	X 78.28 cM
RefSeq ORF:	135



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**Synonyms:** Ptmb4; Tb4

**Summary:** Plays an important role in the organization of the cytoskeleton. Binds to and sequesters actin monomers (G actin) and therefore inhibits actin polymerization.[UniProtKB/Swiss-Prot Function]