

Product datasheet for **TP322017M**

Thymosin beta 4 (TMSB4X) (NM_021109) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human thymosin beta 4, X-linked (TMSB4X), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222017 representing NM_021109 Red =Cloning site Green =Tags(s) MSDKPDMAEIEKFDKSKLKKTTETQEKNPLPSKETIEQEKQAGES TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	4.9 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_066932
Locus ID:	7114
UniProt ID:	P62328 , A2VCK8 , Q0P5T0
RefSeq Size:	657
Cytogenetics:	Xp22.2



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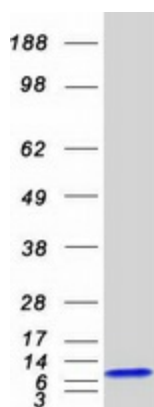
RefSeq ORF: 132

Synonyms: FX; PTMB4; TB4X; TMSB4

Summary: This gene encodes an actin sequestering protein which plays a role in regulation of actin polymerization. The protein is also involved in cell proliferation, migration, and differentiation. This gene escapes X inactivation and has a homolog on chromosome Y. [provided by RefSeq, Jul 2008]

Protein Pathways: Regulation of actin cytoskeleton

Product images:



Coomassie blue staining of purified TMSB4X protein (Cat# [TP322017]). The protein was produced from HEK293T cells transfected with TMSB4X cDNA clone (Cat# [RC222017]) using MegaTran 2.0 (Cat# [TT210002]).