

Product datasheet for PH322017

Thymosin beta 4 (TMSB4X) (NM_021109) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TMSB4X MS Standard C13 and N15-labeled recombinant protein (NP_066932)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222017
Predicted MW:	5.1 kDa
Protein Sequence:	>RC222017 representing NM_021109 Red=Cloning site Green=Tags(s) MSDKPDMAEIEKFDKSKLKKTTETQEKNPLPSKETIEQEKQAGES TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_066932
RefSeq Size:	657
RefSeq ORF:	132
Synonyms:	FX; PTMB4; TB4X; TMSB4
Locus ID:	7114
UniProt ID:	P62328 , A2VCK8 , Q0P5T0
Cytogenetics:	Xp22.2

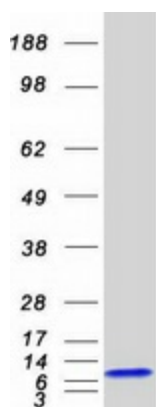


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Summary: This gene encodes an actin sequestering protein which plays a role in regulation of actin polymerization. The protein is also involved in cell proliferation, migration, and differentiation. This gene escapes X inactivation and has a homolog 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]).