

Product datasheet for **TP305097M**

Thymosin beta 10 (TMSB10) (NM_021103) Human Recombinant Protein

Product data:

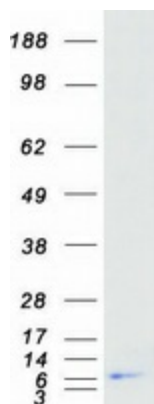
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human thymosin beta 10 (TMSB10), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205097 protein sequence Red =Cloning site Green =Tags(s) MADKPDGMGEIASFDKAKLKKKTETQEKNLPTKETIEQEKRSEIS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	4.8 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
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_066926
Locus ID:	9168
UniProt ID:	P63313
RefSeq Size:	482
Cytogenetics:	2p11.2



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RefSeq ORF:	132
Synonyms:	MIG12; TB10
Summary:	Plays an important role in the organization of the cytoskeleton. Binds to and sequesters actin monomers (G actin) and therefore inhibits actin polymerization (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Coomassie blue staining of purified TMSB10 protein (Cat# [TP305097]). The protein was produced from HEK293T cells transfected with TMSB10 cDNA clone (Cat# [RC205097]) using MegaTran 2.0 (Cat# [TT210002]).