

Product datasheet for PH305097

Thymosin beta 10 (TMSB10) (NM_021103) Human Mass Spec Standard

Product data:

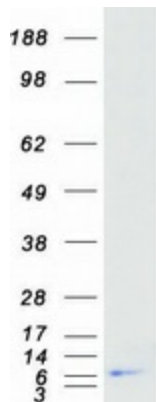
Product Type:	Mass Spec Standards
Description:	TMSB10 MS Standard C13 and N15-labeled recombinant protein (NP_066926)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205097
Predicted MW:	5 kDa
Protein Sequence:	>RC205097 protein sequence Red=Cloning site Green=Tags(s) MADKPDMGEIASFDKAKLKKTTETQEKNLPTKETIEQEKRSEIS 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_066926
RefSeq Size:	482
RefSeq ORF:	132
Synonyms:	MIG12; TB10
Locus ID:	9168
UniProt ID:	P63313
Cytogenetics:	2p11.2



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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]).