

Product datasheet for TP525688

Tpm3 (NM_022314) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse tropomyosin 3, gamma (Tpm3), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225688 representing NM_022314 Red =Cloning site Green =Tags(s)
	MMEAIAKKKMQMLKLDKENVLDRAEQAEAEQKQAEERSKQLEDELATMQKCLKGTEDELDKYSEALKDAQE KLELAEKKAADAEAEVASLNRRRIQLVEEELDRAQERLATALQKLEEAEKAADESERGMKVIENRALKDEE KMELQEIQKAEAKHIAEEADRKYEEVARKLVIIIEGDLERTEERAELAESRCREMDEQIRLMDQNLKCLSA AEEKYSQKEDKYEEEIKILTDKLEAETRAEFAERSVAKLEKTIDDLEDKCLKCTKEEHLCTQRMLDQTLL DLNEM
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	33.3 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:	NP_071709
Locus ID:	59069
UniProt ID:	Q58E70 , E9Q5J9 , Q8K0Z5



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RefSeq Size:	2239
Cytogenetics:	3 F1
RefSeq ORF:	855
Synonyms:	gamma-TM; hTM30nm; hTMnm; Tm5NM; TM30nm; TMnm; Tpm-5; Tpm5; Trop-5
Summary:	Binds to actin filaments in muscle and non-muscle cells. Plays a central role, in association with the troponin complex, in the calcium dependent regulation of vertebrate striated muscle contraction. Smooth muscle contraction is regulated by interaction with caldesmon. In non-muscle cells is implicated in stabilizing cytoskeleton actin filaments.[UniProtKB/Swiss-Prot Function]