

Recombinant Mouse Tmsb4x Protein, Myc/DDK-tagged

Cat. No. Tmsb4x-6531M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length thymosin, beta 4, X chromosome (Tmsb4x), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Plays an important role in the organization of the cytoskeleton. Binds to and sequesters actin monomers (G actin) and therefore inhibits actin polymerization.
Molecular Mass	5.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Gene Name	Tmsb4x thymosin, beta 4, X chromosome [Mus musculus (house mouse)]
Official Symbol	Tmsb4x
Synonyms	TMSB4X; thymosin, beta 4, X chromosome; thymosin beta-4; t beta 4; prothymosin beta 4; Tb4; Ptmb4
Gene ID	19241
mRNA Refseq	NM_021278
Protein Refseq	NP_067253
UniProt ID	P20065

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