

Recombinant Mouse Tmsb4x Protein, Myc/DDK-tagged

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

SPECIFICATION

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| 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

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|------------------------|---|
| 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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