

Recombinant Human TMSB4X Protein

Cat. No. TMSB4X-891H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMSB4X was produced in E. coli.
Species	Human
Source	E.coli
Description	Thymosin is a hormone secreted from the thymus. The predominant form of thymosin, thymosin b4, is a member of a highly conserved family of actin monomer sequestering proteins. Beta-thymosins are the primary regulators of unpolymerized actin, and are essential for maintaining the small cytoplasmic pool of free G-actin monomers required for rapid filament elongation and allowing for the flux of monomers between the thymosin bound pool and F-actin.
Form	5mM Tris pH 8.1, 0.1mM DTT and 0.2% sucrose, when reconstituted with 50μl ultrapure water to obtain a 1.0 mg/ml solution.
Molecular Mass	5kDa
Purity	>98% by RT-HPLC.
Storage	Profilin is stored at –70 centigrade upon arrival will be stable in performance for at least 6 months from the date of purchase. The solubilized protein is kept on ice and should be stored at -20 centigrade in glycerol or CryoProtect (Cat.#: 6011-01). Avoid repeated freeze / thaw cycles.

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Shipping At ambient temperature. Upon delivery store at -70 centigrade.

GENE INFORMATION

Gene Name TMSB4X thymosin beta 4, X-linked [Homo sapiens]

Official Symbol TMSB4X

Synonyms TMSB4X; thymosin beta 4, X-linked; thymosin, beta 4, X chromosome , TMSB4; thymosin beta-4; TB4X; t beta-4; prothymosin beta-4; thymosin, beta 4, X chromosome; FX; PTMB4; TMSB4;

Gene ID 7114

mRNA Refseq NM_021109

Protein Refseq NP_066932

MIM 300159

UniProt ID P62328

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