

Active Recombinant Mouse Prothymosin Alpha

Cat. No. Ptma-1930M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Prothymosin Alpha was expressed in E. Coli.
Species	Mouse
Source	E.coli
Description	Prothymosins are small polypeptides present in animal tissues. They are named thymosins because they were originally isolated from the thymus, but most are now known to be found in many other tissues. Prothymosins have diverse biological activities and two in particular, thymosins $\alpha 1$ and $\beta 4$, have potentially important uses in medicine and have progressed from the laboratory to the clinic.
Purity	Purity > 97% by HPLC analysis.
Activity	In-Vivo Mouse protection assay was employed. Mice treated daily with 80-640 ng/mouse of Thymosin Alpha, and challenged with 40,000 cells of C. albicans at day 3. Decreased C./albicans count observed in mice protected with Thymosin Alpha-1.
Storage	Purified Thymosin Alpha-1 factor is provided lyophilized in deionized water. Quick-spin for 30 seconds before reconstitution in 0.5 mL sterile or distilled water. Store aliquots frozen at -20°C. Avoid repeat freeze-thaw.

GENE INFORMATION

Gene Name	Ptma prothymosin alpha [Mus musculus]
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Synonyms	Ptma; prothymosin alpha; Thym; MGC102090; MGC103390; Ptma
Gene ID	19231
mRNA Refseq	NM_008972
Protein Refseq	NP_032998
UniProt ID	P26350
Chromosome Location	1D

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