

Product Datasheet

Recombinant Human Thymosin beta 4 Protein NBP2-35087-100ug

Unit Size: 100 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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NBP2-35087-100ug

Recombinant Human Thymosin beta 4 Protein

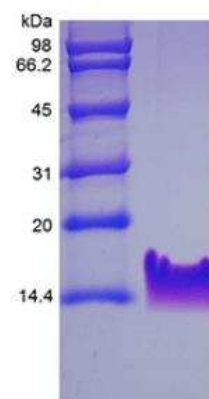
Product Information	
Unit Size	100 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	> 97 % pure by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in 20 mM PB, pH 7.4.
Target Molecular Weight	4.9 kDa

Product Description	
Description	A single non-glycosylated polypeptide chain containing 43 amino acids corresponding to Thymosin beta 4 Source: <i>E. coli</i> Uniprot ID: P62328 Amino Acid Sequence: <i>SDKPDMAEIE KFDKSKLKKT ETQEKNPLPS KETIEQEKQA GES</i>
Gene ID	7114
Gene Symbol	TMSB4X
Species	Human
Details of Functionality	Thymosin beta 4 protein is fully biologically active when compared to standard. The biological activity determined by its ability to produce a protective effect against hydrogen peroxide in primary lung fibroblasts is in a concentration range of 0.5 - 10 ug/ml.
Endotoxin Note	Less than 1 EU/ug of Thymosin beta 4 as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

Images

SDS-Page: Human Thymosin beta 4 Protein [NBP2-35087]





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Products Related to NBP2-35087-100ug

2914-HT-100MG	Holo-Transferrin [Unconjugated]
AF6796	Thymosin beta 4 Antibody [Unconjugated]
DCF300	Coagulation Factor III/Tissue Factor [HRP]
NB600-586-0.1ml	Von Willebrand Factor Antibody

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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