

Thymosin-b4 Human Recombinant

Item Number	rAP-2602
Synonyms	Thymosin beta-4, T beta 4, Fx , TB4X, PTMB4, TMSB4.
Description	Thymosin b4 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 43 amino acids and having a molecular mass of 4.9kDa. The Thymosin b4 Human is purified by proprietary chromatographic techniques.
Uniprot Accession Number	
Amino Acid Sequence	SDKPDMAEIE KFDKSKLKKT ETQEKNPLPS KETIEQEKQA GES
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized Thymosin B4 Human although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Thymosin B4 Human should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw
Formulation and Purity	Lyophilized from a 0.2um filtered concentrated solution in 1xPBS, pH 7.4. Greater than 95.0% as determined by SDS-PAGE and HPLC analyses.
Application	
Solubility	It is recommended to reconstitute the lyophilized Thymosin B4 in sterile 18M-cm H2O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**