

Thymosin Beta4 Recombinant Protein



RPPB5759

Product Information Protein Information

Product SKU:

RPPB5759

Host:

Escherichia Coli.

Protein 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.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Thymosin beta-4, T beta 4, Fx , TB4X, PTMB4, TMSB4.

Formulation:

Lyophilized from a 0.2um filtered concentrated solution in 1xPBS, pH 7.4.

Purity:

Greater than 95.0% as determined by SDS-PAGE and HPLC analyses.

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.

Stability:

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 cycles.

Amino Acid Sequence:

SDKPDMAEIE KFDKSKLKKT ETQEKNLPS KETIEQEKQA GES