

TP 5 Recombinant Protein



RPPB1381

Product Information Protein Information

Product SKU:

RPPB1381

Protein description:

Thymopentin has a molecular formula of C₃₀H₄₉N₉O₉, Arg-Lys-Asp-Val-Tyr-OH having an Mw of 679.8 Dalton.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation:

The protein (1mg/ml) was lyophilized with no additives.

Purity:

Greater than 99.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized Thymopentin in sterile 18MΩ-cm H₂O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized Thymopentin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution TP-5 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.