

Human Leuprorelin Recombinant Protein



RPPB1339

Product Information Protein Information

Product SKU:

RPPB1339

Protein description:

Leuprolide Human Synthetic is a single, non-glycosylated, polypeptide chain containing 9 amino acids and having a molecular mass of 1209 Dalton. The molecular formula is C₅₉H₈₄N₁₆O₁₂.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Leuprolide, Leuprorelin.

Formulation:

The Leuprorelin was lyophilized from a concentrated (1mg/ml) solution with no additives.

Purity:

Greater than 98.0% as determined by RP-HPLC.

Solubility:

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

Stability:

Lyophilized Leuprolide although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Leuprorelin 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.

Amino Acid Sequence:

pGlu-His-Trp-Ser-Tyr-D-Leu-Leu-Arg-Pro-NHEt.