

ACTH Recombinant Protein



RPPB1289

Product Information Protein Information

Product SKU:

RPPB1289

Accession:

P01189

Protein description:

The Molecular formula of Adrenocorticotrophic Hormone is C136H210N40O31S and the molecular weight is 2933.5 Dalton.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Corticotropin-lipotropin, Pro-opiomelanocortin, POMC, ACTH, LPH, MSH, NPP, POC, CLIP, Tetracosactide.

Formulation:

The ACTH hormone was lyophilized with no additives.

Purity:

Greater than 98.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

Solubility:

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

Stability:

Lyophilized Adrenocorticotrophic Hormone although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution ACTH 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:

Ser-Tyr-Ser-Met-Glu-His-Phe-Arg-Trp-Gly-Lys-Pro-Val-Gly-Lys-Lys-Arg-Arg-Pro-Val-Lys-Val-Tyr-Pro-OH.