

Atosiban Recombinant Protein



RPPB1293

Product Information Protein Information

Product SKU:

RPPB1293

Protein description:

Atosiban also called ADH (Anti-Diuretic Hormone) has a molecular formula of $C_{43}H_{67}N_{11}O_{12}S_2$, C[Mpr-D-Tyr(OEt)-Ile-Thr-Asn-Cys]-Pro-Orn-Gly-NH₂ having a Mw of 994.2 Dalton.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation:

The Atosiban peptide was lyophilized with no additives.

Purity:

Greater than 99.0% as determined by analysis by RP-HPLC.

Solubility:

It is recommended to reconstitute the lyophilized Atosiban in sterile 18M Ω -cm H₂O not less than 100 μ g/ml, which can then be further diluted to other aqueous solutions.

Stability:

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