

## OriGene Technologies Inc.

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## **Lypressin - Purified**

Catalog No.: AR10246PU-S

Quantity: 5 mg
Source: Synthetic

Format: State: Sterile Filtered White lyophilized (freeze-dried) powder without additives

Purity: >98.0% as determined by RP-HPLC and SDS-PAGE analysis

**Reconstitution:** Restore in sterile  $18M\Omega$ -cm<sup>-1</sup> H<sub>2</sub>O not less than 100 µg/ml, which can then

be further diluted to other aqueous solutions. Lypressin is also soluble in 1% Acetic Acid.

**Description:** Lypressin is a hormone used to prevent or control the frequent urination, increased thirst,

and loss of water associated with diabetes insipidus (water diabetes).

Molecular Formula:  $C_{46}H_{65}N_{13}O_{12}S_2$ 

CAS Number: 50-57-7
AA Sequence:

 ${\tt Cys-Tyr-Phe-Gln-Asn-Cys-Pro-Lys-Gly-NH_2}$ 

Molecular weight: 1056.2 Da

Storage: Prior to reconstitution store at RT for one month or desiccated below -18°C.

Following reconstitution store undiluted at 2-8°C for one month

or (in aliquots) at -20°C for longer.

For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).

Avoid repeated freezing and thawing. Shelf life: one year from despatch.

