

OriGene Technologies Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES

Phone: +1-858-888-7900 Fax: +1-858-888-7904 <u>US-info@acris-antibodies.com</u> AR10246PU-L
OriGene EU

Acris Antibodies GmbH

Schillerstr. 5 32052 Herford GERMANY

Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info@acris-antibodies.com

Lypressin - Purified

Catalog No.: AR10246PU-L

Quantity: 0.1 g
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⁻¹ H₂O 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.