

# Alarelin Recombinant Protein



RPPB1291

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## Product Information    Protein Information

### Product SKU:

RPPB1291

### Protein description:

Alarelin acetate peptide is a single, non-glycosylated polypeptide chain containing 9 amino acids, having a molecular mass of 1167.3 Dalton and a Molecular formula of  $C_{56}H_{78}N_{16}O_{12} \times C_2H_4O_2$ . The CAS No. is 79561-22-1.

### Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

### Synonyms:

Alarelin, Alarelin Acetate.

### Formulation:

The Alarelin 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 Argipressin in sterile 18MΩ-cm H<sub>2</sub>O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.

### Stability:

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

5-oxo-pro-His-Trp-Ser-Tyr-D-Ala-Leu-Arg-Pro-Nhet x CH<sub>3</sub>COOH.