

## OriGene Technologies Inc.

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## AR00004PU-S

## OriGene EU

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## **Cetrorelix - Purified**

Alternate names: GnRH Antagonist Catalog No.: AR00004PU-S

Quantity: 0.25 mg
Concentration: 1.0 mg/ml
Source: Synthetic

Format: State: Sterile Filtered White lyophilized powder without additives

Purity: >97% Greater than 98.0% as determined by:

(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.

**Reconstitution:** Restore in sterile 18M $\Omega$ -cm H2O not less than 100  $\mu$ g/ml, which can then

be further diluted to other aqueous solutions.

**Description:** Cetrorelix acetate is a synthetic decapeptide with gonadotropin-releasing hormone (GnRH)

antagonistic activity. Cetrorelix acetate is an analog of native GnRH with substitutions of

amino acids at positions 1, 2, 3, 6, and 10.

AA Sequence:

Ac-D-Nall-D-Cpa2-D-Pal3-Ser4-Tyr5- D-Cit6-Leu7-Arg8-Pro9-D -Ala10-NH2 **Molecular weight:** 1.4 kDa 1431.06 Dalton, calculated as the anhydrous free base

Storage: Lyophilized product although stable at room temperature for 3 weeks, should be stored

desiccated below -18 °C. Upon reconstitution it should be stored at 2 - 8 °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 avoid freeze-thaw cycles. Shelf life: One year from despatch.

