

## Synthetic Human Leuprolide

<b>Catalog No.</b>	CRL602A	<b>Quantity:</b>	5 mg
	CRL602B		25 mg
	CRL602C		100 mg

**Alternate Names:** Leuprorelin.

**Description:** Leuprolide Human Synthetic is a single, non-glycosylated, polypeptide chain containing 9 amino acids and having a MW = 1.209 kDa.

**Formulation:** Lyophilized from a concentrated (1 mg/ml) solution in water containing no additives.

**Purity:** Greater than 98.0% as determined by analysis by RP-HPLC.

**Amino Acid Sequence:** Glu-His-Trp-Ser-Tyr-DLeu-Leu-Arg-Pro-NH<sub>2</sub>.

**Reconstitution:** **Centrifuge vial prior to opening.** First add sterile water to the vial to fully solubilize the protein to a concentration not less than 100 µg/ml. After complete solubilization of the protein, it can be further diluted to other aqueous solutions.

**Storage & Stability:** Lyophilized samples are stable at room temperature for 3 weeks, but it is recommended to store them desiccated at -20°C to -80°C. Upon reconstitution, protein should be stored at 2-4°C for one week and for six months at -20°C to -80°C. Add a carrier protein (0.1% HSA or BSA) as a stabilizer for long term storage. **Avoid repeated freeze-thaw cycles.**

**NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.**

