

## 32-2055: NAF Protein

### Description

Source : Nafarelin is a decapeptide containing 9 amino acids Glu-His-Trp-Ser-Ala-Leu-Arg-Pro. Nafarelin is purified by proprietary chromatographic techniques. Nafarelin acetate is a synthetic analog of the naturally occurring gonadotropin-releasing hormone (GnRH). Nafarelin stimulates the release of the pituitary gonadotropins, LH and FSH, resulting in a temporary increase of ovarian steroidogenesis.

### Product Info

<b>Amount :</b>	16 mg
<b>Purification :</b>	Greater than 98.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.
<b>Content :</b>	The protein (1 mg/ml) was lyophilized with no additives.
<b>Storage condition :</b>	Lyophilized Nafarelin although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution NAF 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.

### Application Note

It is recommended to reconstitute the lyophilized Nafarelin in sterile 18M $\Omega$ -cm H<sub>2</sub>O not less than 100  $\mu$ g/ml, which can then be further diluted to other aqueous solutions.

