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AR10211PU-N

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## Human Goserelin - Purified

<b>Catalog No.:</b>	AR10211PU-N
<b>Quantity:</b>	25 mg
<b>Species:</b>	Human
<b>Source:</b>	Synthetic
<b>Format:</b>	<b>State:</b> Sterile Filtered White lyophilized (freeze-dried) powder without additives. <b>Purity:</b> > 98.0% as determined both RP-HPLC and SDS-PAGE analysis <b>Reconstitution:</b> Restore in sterile 18MΩ·cm <sup>-1</sup> H <sub>2</sub> O not less than 100 µg/ml, which can then be further diluted to other aqueous solutions.
<b>Description:</b>	Goserelin is a hormone similar to the one normally released from the hypothalamus gland in the brain (GnRH super-agonist). It is used to treat for prostate and breast cancer. Goserelin decreases the amount of estrogen and testosterone by this treating endometriosis and cancer of the breast, and can help thin the uterus lining before surgery. Goserelin prevents the growth of tissue associated with endometriosis. Reducing the amount of testosterone is one way of treating prostate cancer. Goserelin contains 10 amino acids Glu <sup>1</sup> -His <sup>2</sup> -Trp <sup>3</sup> -Ser <sup>4</sup> -Tyr <sup>5</sup> -D-Ser(tBu) <sup>6</sup> -Leu <sup>7</sup> -Arg <sup>8</sup> -Pro <sup>9</sup> -AzGly <sup>10</sup> -NH <sub>2</sub> <b>Molecular weight:</b> 1269.43 Da
<b>Storage:</b>	Prior to reconstitution store at 2-8°C 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. Avoid repeated freezing and thawing. Shelf life: one year from despatch.