Active Native Canine Follicle Stimulating Hormone(FSH) protein

Cat. No. FSH-031C **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Native Canine Follicle Stimulating Hormone(FSH) was purified from Canine Pituitary Glands.
Species	Canine
Source	Canine Pituitary Glands
Description	Follicle stimulating hormone (FSH) is a hormone synthesised and secreted by gonadotropes in the anterior pituitary gland. In the ovary FSH stimulates the growth of immature Graafian follicles to maturation. FSH is a glycoprotein secreted by the basophil cells of the anterior pituitary. Gonadotropin-releasing hormone (GnRH), produced in the hypothalamus, controls the release of FSH from the anterior pituitary. Like other glycoproteins, such as LH, TSH, and HCG, FSH consists of subunits designated as alpha and beta. Hormones of this type have alpha subunits that are very similar in structure; therefore the biological and immunological properties of each hormone are dependent on the unique beta subunit. In the female, FSH stimulates the growth and maturation of ovarian follicles by acting directly on the receptors located on the granulosa cells; follicular steroidogenesis is promoted and LH production is stimulated.
Form	Lyophilized powder
Bio-activity	≥0.1 x NIH-FSH-S1

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Storage	2 ℃ to 8 ℃

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