Recombinant Human FSH

Cat. No. FSH-38H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human Follicle Stimulating Hormone was produced from yeast.
Species	Human
Source	Yeast
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 from sterile 20mM PB,240mM NaCl,PH6.0.
Molecular Mass	12.2kDa
Endotoxin	< 1.0 eu per μg of the protein as determined by the LAL method.

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Purity	>95 % as determined by SDS-PAGE
Applications	Western blotting, ELISA
Storage	Store it under sterile conditions at -20℃ to -93℃ upon receiving. Recommend to aliquot the protein into smaller quantities for optimalstorage

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