9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

FSH Porcine

Porcine Follicle Stimulating Hormone
HRM0033

Product Overview

Name	FSH Porcine
Description	
Porcine Follicle Stimulating Hormone	
Accession (Primary)	P01228
Synonyms	
Follitropin, Follicle-stimulating hormone, FSH.	
Introduction	
Follicle stimulating hormone (FSH) is a hormone synthesised and secreted by gonadotropes in the anterior pituitary gland. FSH and LH act synergistically in reproductionIn women, in the ovary FSH stimulates the growth of immature Graafian follicles to maturation. As the follicle grows it releases inhibin, which shuts off the FSH production. In men, FSH enhances the production of androgen-binding proteinby the Sertoli cells of the testes and is critical for spermatogenesis. In both males and females, FSH stimulates the maturation of germ cells. In females, FSH initiates follicular growth, specifically affecting granulosa cells. With the concomitant rise in inhibin B FSH levels then decline in the late follicular phase. This seems to be critical in selecting only the most advanced follicle to proceed to ovulation. At the end of the luteal phase, there is a slight rise in FSH that seems to be of importance to start the next ovulatory cycle. Like its partner, LH, FSH releas	
Source	
Porcine pituitaries.	
Physical Appearance	
Sterile Filtered White lyophilized (freeze-dried) powder.	
Formulation	
The FSH was lyophilized with no additives.	
Stability	
Lyophilized porcine FSH although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution FSH-porcine 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.	
Solubility	
It is recommended to reconstitute the lyophilized porcine FSH in sterile 18M-cm H2O not less than 100 µg/ml, which	

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can then be further diluted to other aqueous solutions.

Specific Activity

40 Units/1mg.

Precautions

FSH Porcine is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (P01228)