

Active Native Human Follicle Stimulating Hormone

Cat. No. FSH-1564H Lot. No. (See product label)

SPECIFICATION

Product Overview	The product contains less than 2% lutenizing hormone and less than 1% each of thyroid stimulating hormone, growth hormone, prolactin, and ACTH. CAS number is 9002-68-0.
Species	Human
Source	Human Pituitary
Description	FSH is a heterodimeric glycoprotein hormone composed of α and β chains. The α chain has 89 amino acids and the β chain has 115 amino acids. The α chain is not active. The biological specificity is attributed to the β chain. FSH induces maturation of Graafian follicles of the ovary, promotes development of germinal cells in males, and activates cytosolic tyrosine kinase.
Bio-activity	~7,000 IU/mg
Molecular Mass	35 kDa
Characteristic	The α -chain is not active; biological specificity is attributed to the β -chain. Induces maturation of Graafian follicles of the ovary; promotes development of germinal cells in males; activates cytosolic tyrosine kinase.
Usage	For Laboratory Use Only. Not for drug, household or other uses.
Storage	The product can be reconstituted with 1 ml of water or phosphate buffer. The vial (dry

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powder) contains 0.1 mg of salts from 50 mM phosphate buffer, pH 7.4. When reconstituted, store at 2-8 °C for up to one month. The product should be kept sterile to limit bacterial growth, which will denature the protein

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