

Active Native Human FSH

Cat. No. FSHB-81H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	Urine
Description	Human FSH is a glycoprotein produced from urine of post-menopausal women and having a total molecular mass of 35,500 Dalton. hFSH is a heterodimeric hormone consisting of 165 amino acids chain (non-active) and 115 amino acids chain (active). hFSH induces maturation of Graafian follicles of the ovary, promotes development of germinal cells in males and activates cytosolic tyrosine kinase. The hFSH is purified by proprietary chromatographic techniques.
Form	Lyophilized protein
Bio-activity	The activity was found to be 626IU/mg.
Molecular Mass	35.5 kDa
Purity	Purity by SDS-PAGE: ≥98%; Purity by HPLC: ≥98%
Usage	For Research Use Only! Not For Use in Humans.
Notes	Centrifuge the vial prior to opening

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Storage	-20°C
Storage Buffer	Lyophilized powder without additives
Reconstitution	Reconstitute in H ₂ O to a concentration of 0.1-1.0 mg/ml.
Shipping	Gel pack

GENE INFORMATION

Gene Name	FSHB follicle stimulating hormone, beta polypeptide [Homo sapiens]
Official Symbol	FSHB
Synonyms	follitropin subunit beta; FSH-BFSH-beta; follitropin beta chain; follitropin, beta chain; follicle-stimulating hormone beta subunit
Gene ID	2488
mRNA Refseq	NM_000510
Protein Refseq	NP_000501
UniProt ID	P01225
Chromosome Location	11p13
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; GnRH signaling pathway, conserved biosystem
Function	hormone activity; protein binding

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