

Human Follicle Stimulating Hormone (FSH)

CATALOG #:	4781-50	50 µg
	4781-1000	1 mg
LOT #:	_____	
SOURCE:	Urine of post-menopausal women	
PURITY:	≥ 98% as determined by SDS-PAGE and HPLC	
MOLECULAR WEIGHT:	35.5	
PHYSICAL APPEARANCE:	Lyophilized powder without additives	
RECONSTITUTION:	Centrifuge the vial prior to opening. Reconstitute in H ₂ O to a concentration of 0.1-1.0 mg/ml.	

STORAGE CONDITIONS:

Lyophilized FSH should be stored desiccated below 0°C. Upon reconstitution FSH can be stored at 4°C for 2-7 days. For long-term storage, it is recommended to add a carrier protein (0.1% HSA or BSA) and store aliquots at -20°C or -70°C. Avoid freeze-thaw cycles.

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.

ACTIVITY:

BioVision's hFSH is biologically active when compared to standard. The activity was found to be 626IU/mg.

CONTAMINANTS:

Less than: 0.1% hCG, 0.5%TSH, 0.5% LH, 0.5%GH and 0.5%PrI. Free of HbsAg, antibodies to HIV and HCV.

RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Additional Apoptosis Kits & Reagents

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

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- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione Fluorometric & Colorimetric Assay Kits
- Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- Camp & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

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- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

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- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit

Antibodies & Recombinant Proteins (many)

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