

Human Follicle Stimulating Hormone(urofollitropin) Reference standard

Cat. No. FSHB-118H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This consists of a batch of ampoules containing highly purified human urinary follicle stimulating hormone obtained from menopausal urine. It is intended for use in calibration of preparations of urinary FSH by bioassay.
Species	Human
Enzyme Unit	This preparation has been assigned a unitage of 121 International Units per ampoule.
Usage	For practical purposes each ampoule contains the same amount of the same materials. Dissolve all the contents in a known amount of buffer solution. No attempt should be made to weigh portions of the freeze dried powder. The material has not been sterilised and contains no bacteriostat.
Notes	This preparation is not for administration to humans. The preparation contains material of human origin, and either the final product or the source materials, from which it is derived, have been tested and found negative for HBsAg, anti-HIV and HCV RNA. As with all materials of biological origin, this preparation should be regarded as potentially hazardous to health. It should be used and discarded according to your own laboratorys safety procedures. Such safety procedures should include the wearing of protective gloves and avoiding the generation of aerosols. Care should be exercised in opening ampoules or vials, to avoid cuts.
Stability	They remain valid with the assigned potency and status until withdrawn or amended.

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Reference materials are held at Creative Biomart within assured, temperature-controlled storage facilities. Reference Materials should be stored on receipt as indicated on the label. For information specific to a particular biological standard, contact standards@CreativeBiomart.ac.uk. In addition, once reconstituted, diluted or aliquoted, users should determine the stability of the material according to their own method of preparation, storage and use. Users who have data supporting any deterioration in the characteristics of any reference preparation are encouraged to contact Creative Biomart.

Storage Unopened ampoules should be stored at –20°C. Please note: because of the inherent stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

GENE INFORMATION

Gene Name	FSHB follicle stimulating hormone, beta polypeptide [Homo sapiens];
Official Symbol	FSHB
Synonyms	FSHB; follicle stimulating hormone, beta polypeptide; follitropin subunit beta; follicle stimulating hormone beta subunit; follitropin; beta chain; FSH-B; FSH-beta; follitropin beta chain; follitropin, beta chain; follicle-stimulating hormone beta subunit;
Gene ID	2488
mRNA Refseq	NM_000510
Protein Refseq	NP_000501
MIM	136530

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UniProt ID	P01225
Chromosome Location	11p13
Pathway	Class A/1 (Rhodopsin-like receptors), organism-specific biosystem; G alpha (s) signalling events, organism-specific biosystem; GPCR downstream signaling, organism-specific biosystem; GPCR ligand binding, organism-specific biosystem; Glycoprotein hormones, organism-specific biosystem; GnRH signaling pathway, organism-specific biosystem; GnRH signaling pathway, conserved biosystem;
Function	follicle-stimulating hormone activity; hormone activity; protein binding; protein heterodimerization activity;