

RP00702

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Recombinant Human Follicle-Stimulating Hormone α/β Dimer Protein

Catalog No.: RP00702 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human		P01215&P01225

Tags
No tag

Synonyms
Follicle-stimulating hormone; FSH; FSH alpha/beta

Product Information

Source	Purification
HEK293 cells	> 95% by SDS-PAGE.

Endotoxin
< 1 EU/ μ g of the protein by LAL method.

Formulation
Lyophilized from a 0.2 μ m filtered solution of PBS, pH7.4. Contact us for customized product form or formulation.

Reconstitution
Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

Background

Human Follicle-stimulating hormone (FSH) is a member of glycoprotein hormones subunit beta family, which also includes LH, chorionic gonadotropin (CG) and thyroid-stimulating hormone (TSH). FSH and its family members are heterodimers consisting of non-covalently linked α - and β -subunits. They share an identical α subunit, and β -subunits vary. FSH has a unique β -subunit (FSH β), which confers its specific biologic activity and is responsible for interaction with the FSH-receptor which belongs to a subfamily of GPCRs called leucine-rich-repeat-containing GPCRs (LGRs). FSH is secreted from the pituitary gland and regulates reproduction in mammals. FSH stimulates sertoli cell proliferation in testes and supports spermatogenesis in males, and induces the maturation of ovarian follicles in females.

Basic Information

Description
Recombinant Human Follicle-Stimulating Hormone α/β Dimer Protein is produced by Human Cells expression system. The target protein is expressed with sequence (Ala25-Ser116&Asn19-Glu129) of human Follicle-Stimulating Hormone α/β Dimer (Accession #P01215&P01225).

Bio-Activity

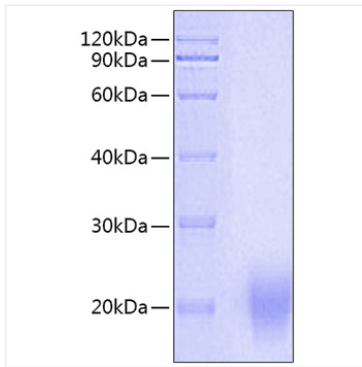
Storage
Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.
Avoid repeated freeze/thaw cycles.

Contact



www.abclonal.com

Validation Data



Recombinant Human Follicle-Stimulating Hormone α/β Dimer Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.