Product Name: Recombinant Human FSHB (C-6His)
Catalog #: PHH0685

Summary

Name	FSHB/Follitropin subunit beta
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Human Follicle-Stimulating Hormone Subunit Beta is produced by our Mammalian expression system and the target gene encoding Asn19-Glu129 is expressed with a 6His tag at the C-terminus.
Accession #	P01225
Host	Human Cells
Species	Human
Predicted Molecular Mass	13.5 KDa
Formulation	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

SDS-PAGE image

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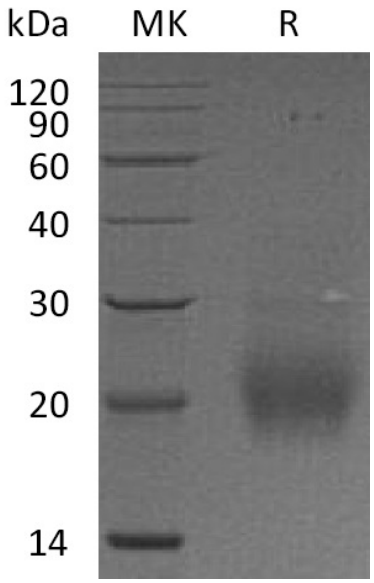

Alternative Names

Follitropin Subunit Beta; Follicle-Stimulating Hormone Beta Subunit; FSH-B; FSH-Beta; Follitropin Beta Chain; FSHB

Background

Follitropin Subunit β (FSHB) is a secreted protein that belongs to the glycoprotein hormones subunit β family. The pituitary glycoprotein hormone family includes follicle-stimulating hormone, luteinizing hormone, chorionic gonadotropin, and thyroid-stimulating hormone. FSHB exists in a heterodimer of a common α chain and an unique β chain that confers biological specificity to thyrotropin, lutropin, follitropin, and gonadotropin. FSHB stimulates development of follicle and spermatogenesis in the reproductive organs. Defects in FSHB are a cause of isolated follicle-stimulating hormone deficiency (IFSHD).

Note

For Research Use Only , Not for Diagnostic Use.