

RP01935

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# Recombinant Bovine FSH/CGA&FSHB Protein

Catalog No.: RP01935 **Recombinant**

## Sequence Information

Species	Gene ID	Swiss Prot
CHO Cells	281171/280	P04837&P0749
	749	1217

### Tags

C-6His(FSHA)&No-Tag(FSHB)

### Synonyms

Follitropin subunit beta; Follicle-stimulating hormone beta subunit; FSH-B; FSH-beta; Follitropin beta chain&Glycoprotein hormones alpha chain; Anterior pituitary glycoprotein hormones common subunit alpha; Follicle-stimulating hormone alpha chain; FSH-alpha; Follitropin alpha chain; Luteinizing hormone alpha chain; LSH-alpha; Lutropin alpha chain; Thyroid-stimulating hormone alpha chain; TSH-alpha; Thyrotropin alpha chain

## Product Information

Source	Purification
	≥ 90 % as determined by SDS-PAGE; ≥ 90% as determined by HPLC.

### Endotoxin

<0.5EU/μg of the protein by LAL method.

### Formulation

Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

### Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to

## Background

FSHB Together with the alpha chain CGA constitutes follitropin, the follicle-stimulating hormone, and provides its biological specificity to the hormone heterodimer. Binds FSHR, a G protein-coupled receptor, on target cells to activate downstream signaling pathways. Follitropin is involved in follicle development and spermatogenesis in reproductive organs.

## Basic Information

### Description

Recombinant Bovine FSH/CGA&FSHB Protein is produced by CHO Cells expression system.

### Bio-Activity

### Shipping

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

### Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

### Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. 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.

minimize free-thaw cycles.

## Contact

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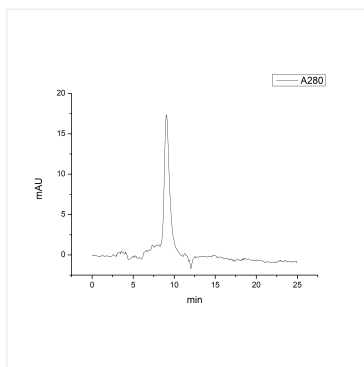
[www.abclonal.com](http://www.abclonal.com)

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## Validation Data

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Recombinant Bovine FSH/CGA&FSHB  
Protein was greater than 90% as  
determined by SEC-HPLC.