

Recombinant Mouse FSH Beta Protein

Catalog No.: RP02830

Sequence Information

Species **Gene ID**
Mouse 14308

Swiss Prot **Tags**
Q60687 C-hFc

Synonyms

FSH-beta; FSH-B; FSHB;
Follitropin;FSH-β

Product Information

Source **Purification**
HEK293 cells ≥ 95 % as
 determined by
 SDS-PAGE. ≥ 95
 % as determined
 by HPLC.

Calculated MWObserved MW
39.2 kDa 50-60 kDa

Endotoxin

< 1 EU/μg of the protein by LAL
method.

Formulation

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

Reconstitution

Centrifuge the tube 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
minimize free-thaw cycles.

Background

Fertility is dependent on follicle-stimulating hormone (FSH), a product of gonadotrope cells of the anterior pituitary gland. Hypothalamic gonadotropin-releasing hormone (GnRH) and intra-pituitary activins are regarded as the primary drivers of FSH synthesis and secretion. Both stimulate expression of the FSH beta subunit gene (Fshb), although the underlying mechanisms of GnRH action are poorly described relative to those of the activins.

Basic Information

Description

Recombinant Mouse FSH Beta Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (His20-Glu130) of mouse FSH Beta (Accession #NP_032071.1) fused with a hFc tag at the C-terminus.

Activity

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C

Operational Notes

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

Contact

☎ | 400-999-6126

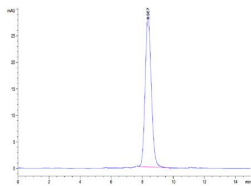
✉ | cn.market@abclonal.com.cn

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Validation Data



Recombinant Mouse FSH Beta Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.



The purity of Mouse FSHB is greater than 95% as determined by SEC-HPLC.