

Recombinant Rat Fshb protein, His & T7-tagged

Cat. No. Fshb-8232R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Fshb aa. (Ser21~Glu130 (Accession # P18427)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Ser21~Glu130
Description	Stimulates development of follicle and spermatogenesis in the reproductive organs.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 16.3kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.3.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein

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at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

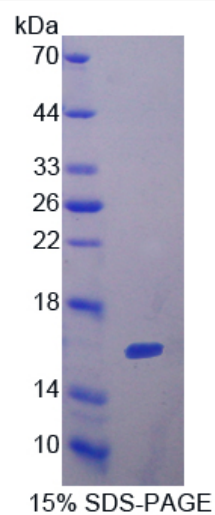
Gene Name	Fshb follicle stimulating hormone beta subunit [Rattus norvegicus (Norway rat)]
Official Symbol	Fshb
Synonyms	Fshb; follicle stimulating hormone beta subunit; FSH-B; FSH-beta; follitropin subunit beta; follicle - stimulating hormone subunit beta; follicle stimulating hormone, beta polypeptide; follicle-stimulating hormone subunit beta; follitropin beta chain
Gene ID	25447
mRNA Refseq	NM_001007597.2
Protein Refseq	NP_001007598.1
UniProt ID	P18427

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SDS-PAGE



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