Recombinant Mouse Lhb Protein, His&GST-tagged

Cat. No. Lhb-1737M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Lhb Protein (Ser19-Leu139) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Ser19-Leu139
Description	Predicted to enable hormone activity. Acts upstream of or within luteinizing hormone signaling pathway involved in ovarian follicle development. Located in cytoplasm. Is expressed in alimentary system; brain; genitourinary system; and heart. Human ortholog(s) of this gene implicated in hypogonadotropic hypogonadism 23 with or without anosmia. Orthologous to several human genes including LHB (luteinizing hormone subunit beta).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 43.1 kDa Accurate Molecular Mass: 43 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

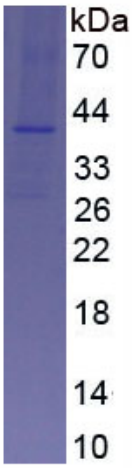
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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	Lhb luteinizing hormone beta [Mus musculus (house mouse)]
Official Symbol	Lhb
Synonyms	LHB; luteinizing hormone beta; lutropin subunit beta; leutropin; lutropin beta chain; luteinizing hormone subunit beta; LH; LH-B; LSH-B; LSH-beta;
Gene ID	16866
mRNA Refseq	NM_008497
Protein Refseq	NP_032523
UniProt ID	G3X9G6

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