Recombinant Rat Inhbb protein, His-tagged

Cat. No. Inhbb-1767R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Inhbb aa. (Gly297~Ala411 (Accession # P17491)) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Gly297~Ala411
Description	Beta subunit of inhibin; involved in regulation of pituitary FSH secretion.
Form	Freeze-dried powder
Molecular Mass	14kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 5.9.
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 liquid form in Phosphate buffered saline(PBS), pH 7.4.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Inhbb inhibin beta B subunit [Rattus norvegicus (Norway rat)]
Official Symbol	Inhbb
Synonyms	HBB; HBBA; HBBB; hemoglobin subunit beta; globin, beta
Gene ID	25196
mRNA Refseq	NM_080771.1
Protein Refseq	NP_542949.1
UniProt ID	P17491

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