Recombinant Mouse Inhbb protein, His-tagged

Cat. No. Inhbb-1765M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Inhbb aa. (Gly297~Ala411 (Accession # Q04999)) fused with N-terminal His tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Gly297~Ala411
Description	This gene encodes a member of the TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate a subunit of the dimeric activin and inhibin protein complexes. These complexes activate and inhibit, respectively, follicle stimulating hormone secretion from the pituitary gland. Homozygous knockout mice for this gene exhibit eyelid defects.
Form	Freeze-dried powder
Molecular Mass	16kDa 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.

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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 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% sucrose.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name	Inhbb inhibin beta-B [Mus musculus (house mouse)]
Official Symbol	Inhbb
Synonyms	HBB; hemoglobin subunit beta; CD113t-C; beta-globin; beta globin chain; hemoglobin, beta
Gene ID	16324
mRNA Refseq	NM_008381.4
Protein Refseq	NP_032407.1

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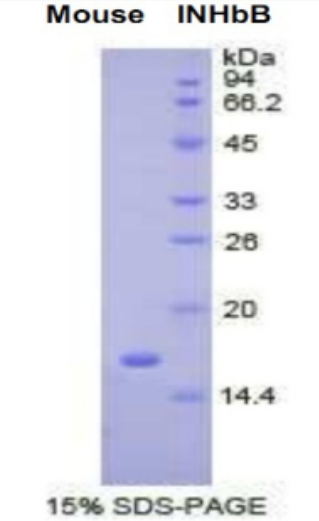
UniProt ID	Q04999



SDS-PAGE

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