

Recombinant Mouse Inhba protein, His-tagged

Cat. No. Inhba-248M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Inhba fused with His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
Description	Activins are homodimers or heterodimers of the different β subunit isoforms, part of the TGFβ family. Mature Activin A has two 116 amino acids residues βA subunits (βA-βA). Activin displays an extensive variety of biological activities, including mesoderm induction, neural cell differentiation, bone remodelling, haematopoiesis, and reproductive physiology. Activins takes part in the production and regulation of hormones such as FSH, LH, GnRH and ACTH. Cells that are identified to express Activin A include fibroblasts, endothelial cells, hepatocytes, vascular smooth muscle cells, macrophages, keratinocytes, osteoclasts, bone marrow monocytes, prostatic epithelium, neurons, chondrocytes, osteoblasts, Leydig cells, Sertoli cells, and ovarian granulosa cells.
Form	Lyophilized from sterile PBS, pH 7.4
Purity	> 95 % as determined by SDS-PAGE
Storage	Store at -70 centigrade. Avoid repeated freeze/thaw cycles.

GENE INFORMATION

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Gene Name	Inhba inhibin beta-A [Mus musculus]
Official Symbol	Inhba
Synonyms	INHBA; inhibin beta-A; inhibin beta A chain; activin beta-A chain;
Gene ID	16323
mRNA Refseq	NM_008380
Protein Refseq	NP_032406
UniProt ID	Q04998
Chromosome Location	13 A1; 13 5.85 cM
Pathway	Cytokine-cytokine receptor interaction, organism-specific biosystem; Cytokine-cytokine receptor interaction, conserved biosystem; Glycoprotein hormones, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Peptide hormone biosynthesis, organism-specific biosystem; TGF Beta Signaling Pathway, organism-specific biosystem;
Function	cytokine activity; follistatin binding; growth factor activity; hormone activity; identical protein binding; protein heterodimerization activity; receptor binding; type II activin receptor binding;