

Recombinant Mouse Inhba Protein, Myc/DDK-tagged

Cat. No. Inhba-3538M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length inhibin beta-A (Inhba), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
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. The encoded protein also plays a role in eye, tooth and testis development. Homozygous knockout mice for this gene lack whiskers and exhibit tooth and palate defects, leading to neonatal lethality.
Molecular Mass	47.8 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method

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Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Inhba](#) inhibin beta-A [*Mus musculus* (house mouse)]

Official Symbol [Inhba](#)

Synonyms Inhba; inhibin beta-A; inhibin beta A chain; activin A; activin beta-A chain

Gene ID [16323](#)

mRNA Refseq [NM_008380](#)

Protein Refseq [NP_032406](#)

UniProt ID [Q04998](#)

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