

Recombinant Mouse Inha Protein, His-tagged

Cat. No. Inha-580M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Inha(Trp240~Ile366) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Trp240~Ile366
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 multiple peptide products, including the alpha subunit of the inhibin A and B protein complexes. These complexes negatively regulate follicle stimulating hormone secretion from the pituitary gland. Inhibins have also been implicated in regulating numerous cellular processes including cell proliferation, apoptosis, immune response and hormone secretion. Mice in which this gene has been ablated exhibit sex cord-stromal tumors and symptoms that mimic the human cancer cachexia syndrome.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	15.27kDa
Identity	Reconstitute in PBS or others
Endotoxin	<1.0EU per 1g (determined by the LAL method)

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Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein
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.
Reconstitution	Reconstitute in PBS or others

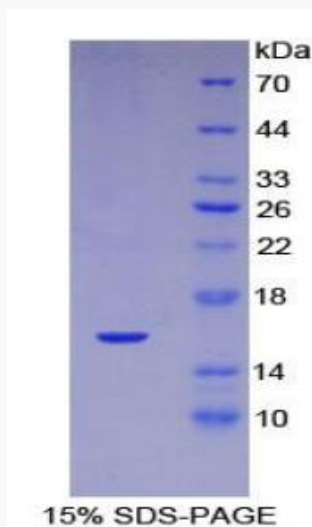
GENE INFORMATION

Gene Name	Inha inhibin alpha [<i>Mus musculus</i>]
Official Symbol	Inha
Synonyms	INHA; inhibin alpha; inhibin alpha chain; AW555078;
Gene ID	16322
mRNA Refseq	NM_010564
Protein Refseq	NP_034694
UniProt ID	Q04997

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