

## Recombinant Human INHA, His-tagged

Cat. No. INHA-8291H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human INHA protein, fused to His-tag at N-terminus, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	<p>Inhibins are dimeric peptide hormones produced by female ovarian granulosa cells and male Sertoli cells as well as a variety of other tissues. Inhibins have two isoforms, A and B, with the same alpha subunit but different beta subunits. Inhibin A is a dimer of alpha and beta A subunits, inhibin B is a dimer of alpha and beta B subunits. Inhibins are thought to inhibit the production of follicle-stimulating hormone (FSH) by the pituitary gland. In addition, Inhibins are also thought to play a role in the control of gametogenesis, and embryonic and foetal development. recombinant Inhibin A is a 264 amino acid, single chain protein, comprising the mature inhibin <math>\alpha</math> and the mature <math>\beta</math>A chain (<math>\alpha</math>-<math>\beta</math>A). The protein is expressed in E. coli with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.</p>
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE
<b>Applications</b>	ELISA, Western Blot

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

## GENE INFORMATION

**Gene Name** INHA inhibin, alpha [ Homo sapiens ]

**Official Symbol** INHA

**Synonyms** INHA; inhibin, alpha; inhibin alpha chain; A-inhibin subunit;

**Gene ID** [3623](#)

**mRNA Refseq** [NM\\_002191](#)

**Protein Refseq** [NP\\_002182](#)

**MIM** [147380](#)

**UniProt ID** [P05111](#)

**Chromosome Location** 2q33-qter

**Pathway** Glycoprotein hormones, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Ovarian Infertility Genes, organism-specific biosystem; Peptide hormone biosynthesis, organism-specific biosystem;

**Function** cytokine activity; growth factor activity; hormone activity; inhibin beta-A binding; protein binding; contributes\_to protein binding; protein heterodimerization activity; receptor binding;

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