

Recombinant Human Inhibin A Reference standard

Cat. No. INHA-110H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	This consists of a batch of ampoules containing recombinant DNA-derived human inhibin A. It is intended for use as a research standard for bioassay and immunoassay.
Species	Human
Enzyme Unit	150000 International Units of rDNA-derived human inhibin A per ampoule.
Usage	For practical purposes each ampoule contains the same amount of the same materials. Dissolve all the contents in a known amount of buffer solution. No attempt should be made to weigh portions of the freeze-dried powder. For economy of use the solution can be kept for several months if the solution is subdivided into several small containers, which are frozen rapidly below -70°C and then stored below -30°C in the dark; repeated freezing and thawing should be avoided. If extensive dilutions are prepared, a carrier protein (0.1% w/v) should be added, which is free of peptidase. The material has not been sterilized and contains no bacteriostat.
Notes	This preparation is not for administration to humans. The preparation contains material of human origin, and either the final product or the source materials, from which it is derived, have been tested and found negative for HBsAg, anti-HIV and HCV RNA. As with all materials of biological origin, this preparation should be regarded as potentially hazardous to health. It should be used and discarded according to your own laboratorys safety procedures. Such safety procedures should include the wearing of protective gloves and avoiding the generation of aerosols.

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Care should be exercised in opening ampoules or vials, to avoid cuts.

Storage

Unopened ampoules should be stored at -20°C. Please note: because of the inherent stability of lyophilized material, Creative Biomart may ship these materials at ambient temperature.

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;

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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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