

Human Inhibin B Reference standard

Cat. No. INHBA-160H Lot. No. (See product label)

SPECIFICATION

Product Overview	This consists of a batch of ampoules containing immunoaffinity-purified natural human inhibin. The preparation contains a mixture of inhibin A, inhibin B and inhibin - subunit which, after dilution in a solution containing Tris (25mM), sodium chloride (0.85% w/v), human serum albumin (0.5% w/v) and Triton X100 (0.1% v/v) was freeze-dried and secondarily desiccated.
Species	Human
Enzyme Unit	The assigned unitage is 12 U per ampoule. On the basis of immunoassay results the nominal mass content is 12 ng per ampoule. These units should not be assumed to be interconvertible. Because of possible toxic effects from the formulation, this preparation may not be suitable for some bioassay systems.
Usage	For practical purposes each ampoule contains the same quantity of inhibin B. The entire content of each ampoule should be completely dissolved in an accurately measured amount of buffer solution. No attempt should be made to weigh out portions of the freeze dried powder. The use of water to reconstitute ampoule contents is not recommended. The material has not been sterilized and the ampoules contain 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

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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. 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 [INHBA inhibin, beta A \[Homo sapiens \]](#);

Official Symbol INHBA

Synonyms

INHBA; inhibin, beta A; inhibin, beta A (activin A, activin AB alpha polypeptide); inhibin beta A chain; Inhibin, beta-1; activin beta-A chain; FSH-releasing protein; erythroid differentiation factor; erythroid differentiation protein; follicle-stimulating hormone-releasing protein; EDF; FRP;

Gene ID [3624](#)

mRNA Refseq [NM_002192](#)

Protein Refseq [NP_002183](#)


MIM [147290](#)

UniProt ID [P08476](#)

Chromosome 7p15-p13

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Location**Pathway**


ALK1 signaling events, organism-specific biosystem; 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;

Function

cytokine activity; follistatin binding; growth factor activity; hormone activity; identical protein binding; protein binding; protein heterodimerization activity; type II activin receptor binding;

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