

Recombinant Human Inhibin, Alpha, His-tagged

Cat. No. INHA-302H Lot. No. (See product label)

SPECIFICATION

Product Overview Inhibin-Alpha Human Recombinant produced in E.Coli is a non-glycosylated, polypeptide chain containing 264 amino acids comprising of both A and B chains, having a molecular mass of 33.5 kDa. The Inhibin-Alpha is fused with an amino-terminal hexahistidine tag. The Inhibin-Alpha is purified by standard chromatographic techniques.

Species Human

Source Human

Description 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 fetal development.

Form Inhibin-A alpha chain is supplied in 1x PBS and 50% glycerol.

Purity Greater than 95.0% as determined by (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Physical Appearance Sterile Filtered clear solution.

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Storage Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.

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-q36

Function cytokine activity; growth factor activity; hormone activity; inhibin beta-A binding; protein binding; contributes_to protein binding; protein heterodimerization activity; receptor binding; signal transducer activity

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