

Recombinant Human Inhibin, Alpha, His-tagged

Cat. No. INHA-1842H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human INHA chain is a single, non-glycosylated, polypeptide chain containing 134 amino acids fragment (233-366) and having an amino-terminal hexahistidine tag.
Species	Human
Source	E.coli
Protein Length	233-366 a.a.
Description	Inhibin, alpha, also known as INHA, is a protein which in humans is encoded by the INHA gene. The INHA subunit joins either the beta A or beta B subunit to form a pituitary FSH secretion inhibitor. INHA has been shown to regulate gonadal stromal cell proliferation negatively and to have tumour-suppressor activity.
Form	Sterile filtered liquid in a buffer of 10 mM Tris HCl, pH 8 + 50% glycerol.
Molecular Weight	19.2 kDa
Purity	>95.0% as determined by RP-HPLC and SDS-PAGE analyses.
Endotoxin Level	<0.1 ng/g of protein.
Storage	Store at 2-4°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.

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OfficialSymbol INHA

GENE INFORMATION

Gene Name INHA inhibin, alpha [Homosapiens]

Synonyms INHA; inhibin, alpha; inhibin alpha chain; A-inhibin subunit; OTTHUMP00000065425

Gene ID 3623

mRNA Refseq NM_002191

Protein Refseq NP_002182

MIM 147380

UniProt ID P05111

Chromosome Location 2q33-q36

Pathway Ovarian InfertilityGenes

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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