

Active Recombinant Human INHBA Protein

Cat. No. INHBA-955H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human INHBA was expressed in Hi-5 insect cells.
Species	Human
Source	Hi-5 Insect Cells
Description	This gene encodes a member of the TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate a subunit of the dimeric activin and inhibin protein complexes. These complexes activate and inhibit, respectively, follicle stimulating hormone secretion from the pituitary gland. The encoded protein also plays a role in eye, tooth and testis development. Elevated expression of this gene may be associated with cancer cachexia in human patients.
Form	Lyophilized from a 0.2 M filtered solution of 20mM phosphate buffer, 100mM NaCl, pH 7.2
Bio-activity	ED50 was determined by its ability to inhibit the proliferation of murine MPC-11 cells is less than or equal to 2.0 ng/ml, corresponding to a specific activity of > 5 x 10 ⁵ units/mg.
Molecular Mass	26 kDa
AA Sequence	GLECDGKVNICKCKKQFFVSFKDIGWNDWIIAPSGYHANYCEGECPSHIAGTSGSSLS FHSTVINHYRMRGHSPFANLKSCCVPTKLRPMSMLYYDDGQNIKKDIQNMIVEECG

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Endotoxin	Endotoxin level is <0.1 ng/g of protein (<1EU/g).
Purity	>95% as determined by SDS-PAGE and Coomassie blue staining
Concentration	Resuspend the protein in the desired concentration in proper buffer
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