

Active Recombinant Human INHBB Protein

Cat. No. INHBB-956H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human INHBB was expressed in Hi-5 insect cells.
Species	Human
Source	Hi-5 Insect Cells
Description	Inhibins and activins inhibit and activate, respectively, the secretion of follitropin by the pituitary gland. Inhibins/activins are involved in regulating a number of diverse functions such as hypothalamic and pituitary hormone secretion, gonadal hormone secretion, germ cell development and maturation, erythroid differentiation, insulin secretion, nerve cell survival, embryonic axial development or bone growth, depending on their subunit composition. Inhibins appear to oppose the functions of activins.
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	25.6 kDa
AA Sequence	GLECDGRTNLCCRQQFFIDFRLIGWNDWIIAPTGYYGNYCEGSCPAYLAGVPGSAS SFHTAVVNQYRMRGLNPGTVNSCCIPTKLSTMSMLYFDDEYNIVKRDVPNMIVEEC

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	GCA
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	INHBB inhibin, beta B [Homo sapiens]
Official Symbol	INHBB
Synonyms	INHBB; inhibin, beta B; inhibin, beta B (activin AB beta polypeptide); inhibin beta B chain; Inhibin, beta-2; activin beta-B chain; activin AB beta polypeptide; MGC157939;
Gene ID	3625
mRNA Refseq	NM_002193
Protein Refseq	NP_002184
MIM	147390
UniProt ID	P09529

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