

# Recombinant Full Length Human INHBB Protein, GST-tagged

Cat. No. INHBB-5890HF Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human INHBB full-length ORF ( AAH30029.1, 1 a.a. - 407 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	407 amino acids
<b>Description</b>	The inhibin beta B subunit joins the alpha subunit to form a pituitary FSH secretion inhibitor. Inhibin has been shown to regulate gonadal stromal cell proliferation negatively and to have tumour-suppressor activity. In addition, serum levels of inhibin have been shown to reflect the size of granulosa-cell tumors and can therefore be used as a marker for primary as well as recurrent disease. Because expression in gonadal and various extragonadal tissues may vary severalfold in a tissue-specific fashion, it is proposed that inhibin may be both a growth/differentiation factor and a hormone. Furthermore, the beta B subunit forms a homodimer, activin B, and also joins with the beta A subunit to form a heterodimer, activin AB, both of which stimulate FSH secretion. [provided by RefSeq]
<b>Molecular Mass</b>	71.6 kDa
<b>AA Sequence</b>	MDGLPGRALGAACLLLLAAGWLGPEAWGSPTPPPTPAAQPPPPPPGSPGGSQDTC TSCGGFRRPEELGRVDGDFLEAVKRHILSR LQMRGRPNITHAVPKAAMVTALRKLH AGKVREDGRVEIPHLDGHASPGADGQERVSEIISFAETDGLASSRVRLYFFISNEGN

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QNLFVVQASLWLYLKLLPYVLEKGSRRKVRVKVYFQEQGHGDRWNMVEKRVDLKR  
 SGWHTFPLTEAIQALFERGERRLNLDVQCDCSQELAVVPVFVDPGEESHPRPFVVVQ  
 ARLGDSRHRIRKRGLECDGRTNLCCRQQFFIDFRLIGWNDWIIAPTSYYGNYCEGSC  
 PAYLAGVPGSASSFHTAVVNQYRMRGLNPGTVNSCCIPTKLSTMSMLYFDDEYNIV  
 KRDPNMIVEECGCA

**Applications**  
 Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Notes**  
 Best use within three months from the date of receipt of this protein.

**Storage**  
 Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**  
 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution 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

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<b>MIM</b>	147390
<b>UniProt ID</b>	P09529

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