

Recombinant Full Length Human INHBB Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human INHBB full-length ORF (AAH30029.1, 1 a.a. - 407 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	407 amino acids
Description	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]
Molecular Mass	71.6 kDa
AA Sequence	MDGLPGRALGAACLLLLAAGWLGPEAWGSPTPPPTPAAQPPPPPPGSPGGSQDTC TSCGGFRRPEELGRVDGDFLEAVKRHILSRQLQMRGRPNITHAVPKAAMVTALRKLH AGKVREDGRVEIPHLDGHASPGADGQERVSEIISFAETDGLASSRVRLYFFISNEGN

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QNLFFVQASLWLYLKLLPYVLEKGSRRKVRVKVYFQEQQGHGDRWNMVEKRVDLKR
SGWHTFPLTEAIQALFERGERRLNLDVQCDSQCQELAVVPVFVDPGEESHRPFVVVQ
ARLGDSRHRIRKRGLECDGRTNLCCRQQFFIDFRLIGWNDWIIAPTSYYGNYCEGSC
PAYLAGVPGSASSFHTAVVNQYRMRGLNPGTVNSCCIPTKLSTMSMLYFDDEYNIV
KRDVPMIVEECGCA

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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MIM	147390
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UniProt ID	P09529
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