INHBB (Human) Recombinant Protein

Catalog # P6324 Size 50 ug

Specification

Product Description	Human INHBB (P09529) recombinant protein expressed in CHO cells.
Sequence	GLECDGRTNLCCRQQFFIDFRLIGWNDWIIAPTGYYGNYCEGSCPAYLAGVPGSASSFHTAVVNQ YRMRGLNPGTVNSCCIPTKLSTMSMLYFDDEYNIVKRDVPNMIVEECGCA
Host	Mammals
Theoretical MW (kDa)	13
Form	Lyophilized
Purity	> 95%
Endotoxin Level	<= 1 EUs/ug (LAL gel clot method)
Storage Buffer	Lyophilized from PBS, pH 7.2.
Storage Instruction	Stored at -20°C to-80°C. After reconstitution with sterile water not less than 0.1 mg/mL, store at -20°C to -80°C for 6 months, st ore at 4°C for 1 month. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — INHBB

Entrez GeneID	3625
Protein Accession#	P09529
Gene Name	INHBB

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Gene Alias	MGC157939
Gene Description	inhibin, beta B
Omim ID	147390
Gene Ontology	Hyperlink
Gene Summary	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
Other Designations	Inhibin, beta-2|activin AB beta polypeptide|inhibin beta B subunit

Pathway

- Cytokine-cytokine receptor interaction
- TGF-beta signaling pathway

Disease

- Breast Neoplasms
- Cleft Lip
- Cleft Palate
- Disease Models
- Genetic Predisposition to Disease
- Neoplasms
- Obesity
- Ovarian cancer
- Ovarian Failure
- Ovarian Neoplasms

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- Polycystic Ovary Syndrome
- Prostate cancer
- Prostatic Neoplasms
- Puberty
- Testicular Neoplasms
- Thrombophilia
- Tobacco Use Disorder

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