INHBB (Human) Recombinant Protein

Catalog # P8378 Size 2 x 10 ug

Specification

Product Description	Human INHBB (P09529) recombinant protein with His-tag at N-terminal expressed in Nicotiana benthamiana expression system.
Amount	> 97% by SDS-PAGE
Sequence	HHHHHHHHHHGLECDGRTNLCCRQQFFIDFRLIGWNDWIIAPTGYYGNYCEGSCPAYLAGVPGSA SSFHTAVVNQYRMRGLNPGTVNSCCIPTKLSTMSMLYFDDEYNIVKRDVPNMIVEECG
Host	Nicotiana benthamiana
Theoretical MW (kDa)	14
Form	Lyophilized
Preparation Method	Nicotiana benthamiana expression system
Storage Buffer	Lyophilized from 0.05M Tris-HCl buffer pH 7.4
Storage Instruction	Upon reconstitution should be stored at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

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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