

INHBA (Human) Recombinant Protein

Catalog # P8374

Size 2 x 10 ug

Specification

Product Description	Human INHBA (P08476) recombinant protein with His-tag at N-terminal expressed in Nicotiana benthamiana expression system.
Amount	> 97% by SDS-PAGE
Sequence	HHHHHHGLECDGKVNICKKQFFVSFKDIGWNDWIIAPSGYHANYCEGECPSHIAGTSGSSLSFH STVINHYRMRGHSPFANLKSCCVPTKLRPMSMLYDDGQNIKKDIQNMVVEECGCS.
Host	Nicotiana benthamiana
Theoretical MW (kDa)	27.4
Form	Lyophilized
Preparation Method	Nicotiana benthamiana expression system
Storage Buffer	Lyophilized from Tris HCl 0.05M buffer at 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 — INHBA

Entrez GeneID	3624
Protein Accession#	P08476
Gene Name	INHBA

Gene Alias	EDF, FRP
Gene Description	inhibin, beta A
Omim ID	147290
Gene Ontology	Hyperlink
Gene Summary	The inhibin beta A 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 tumor-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 A subunit forms a homodimer, activin A, and also joins with a beta B subunit to form a heterodimer, activin AB, both of which stimulate FSH secretion. Finally, it has been shown that the beta A subunit mRNA is identical to the erythroid differentiation factor subunit mRNA and that only one gene for this mRNA exists in the human genome. [provided by RefSeq]
Other Designations	FSH-releasing protein Inhibin, beta-1 erythroid differentiation factor follicle-stimulating hormone-releasing protein inhibin beta A inhibin, beta A (activin A, activin AB alpha polypeptide)

Pathway

- [Cytokine-cytokine receptor interaction](#)
- [TGF-beta signaling pathway](#)

Disease

- [Amyotrophic lateral sclerosis](#)
- [Anoxia](#)
- [Breast Neoplasms](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Colorectal Neoplasms](#)
- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)

- [Neoplasms](#)
- [Obesity](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Testicular Neoplasms](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)