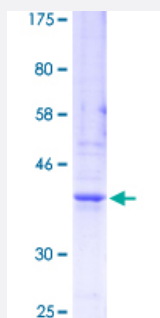


INHA (Human) Recombinant Protein (Q02)

Catalog # H00003623-Q02

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human INHA partial ORF (AAH06391, 233 a.a. - 366 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	STPLMSWPWSPSALRLLQRPPEEPAAHANCHRVALNISFQELGWERWIVYPPSFIFHYCHGGCG LHIPPNLSLPVPGAPPTPAQPYSLLPGAQPCAALPGTMRPLHVRTTSDGGYSFKYETVPNLLTQ HCACI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	40.37
Interspecies Antigen Sequence	Mouse (80); Rat (81)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — INHA

Entrez GeneID [3623](#)

GeneBank Accession# [BC006391](#)

Protein Accession# [AAH06391](#)

Gene Name INHA

Gene Alias -

Gene Description inhibin, alpha

Omim ID [147380](#)

Gene Ontology [Hyperlink](#)

Gene Summary

The inhibin alpha subunit joins either the beta A or beta B subunit to form a pituitary FSH secretory 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. However, in prostate cancer, expression of the inhibin alpha-subunit gene was suppressed and was not detectable in poorly differentiated tumor cells. Furthermore, 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. [provided by RefSeq]

Other Designations A-inhibin subunit|inhibin alpha subunit

Disease

- [Abortion](#)

- [Amenorrhea](#)
- [Breast Neoplasms](#)
- [Disease Models](#)
- [Fragile X syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Infertility](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Polycystic Ovary Syndrome](#)
- [Pre-Eclampsia](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Testicular Neoplasms](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)