

AR51799PU-S

Human Inhibin beta A chain (INHBA) (311-426, His-tag) - Purified

Alternate names:

Activin A, Activin BA, Activin beta-A chain, Erythroid differentiation protein

Quantity:

0.1 mg

Concentration:

1.0 mg/ml (determined by Bradford assay)

Background:

INHBA also known as inhibin beta A chain . 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.

Uniprot ID:

[P08476](#)

NCBI:

[NP_002183](#)

GeneID:

[3624](#)

Species:

Human

Source:

E. coli

Format:

State: Liquid purified protein

Purity: >90% by SDS - PAGE

Buffer System: 20 mM Tris 8.0 containing 10% glycerol.

Description:

Recombinant human INHBA, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGLECDGKVN ICCKKQFFVS FKDIGWNDWI IAPSGYHANY
CEGECPSHIA GTSGSSLSFH STVINHYRMR GHSPFANLKS CCVPTKLRPM SMLYYDDGQN
IIKKDIQNMI VEECGCS

Molecular weight: 15.2 kDa (137aa)

Storage:

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer.

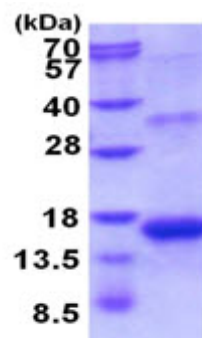
Avoid repeated freezing and thawing.

Shelf life: one year from despatch.

General Readings:

Antsiferova M., et al. (2013) J. Immunol. 191 (12), 6147-6155 Woeckel VJ., et al. (2013) J. Cell. Physiol. 228 (11), 2167-2174

Pictures:



15% SDS-PAGE (3ug)