

## Product datasheet for AR51799PU-N

## OriGene Technologies, Inc.

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

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Inhibin beta A chain (INHBA) (311-426, His-tag) human recombinant protein, 0.5 mg

Species: Human
Expression Host: E. coli

**Expression cDNA Clone** 

or AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGLECDGKVN ICCKKQFFVS FKDIGWNDWI IAPSGYHANY CEGECPSHIA GTSGSSLSFH STVINHYRMR GHSPFANLKS CCVPTKLRPM SMLYYDDGON

IIKKDIQNMI VEECGCS

Tag: His-tag
Predicted MW: 15.2 kDa
Concentration: lot specific

Purity: >90% by SDS - PAGE

**Buffer:** Presentation State: Purified

State: Liquid purified protein

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

**Preparation:** Liquid purified protein

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

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.

**Stability:** Shelf life: one year from despatch.

**RefSeq:** <u>NP 002183</u>

Locus ID: 3624

UniProt ID: <u>P08476</u>, <u>A4D1W7</u>

Cytogenetics: 7p14.1

Synonyms: EDF; FRP





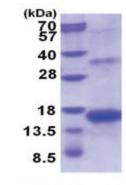
**Summary:** 

This gene encodes a member of the TGF-beta (transforming growth factor-beta) superfamily of proteins. The encoded preproprotein is proteolytically processed to generate a subunit of the dimeric activin and inhibin protein complexes. These complexes activate and inhibit, respectively, follicle stimulating hormone secretion from the pituitary gland. The encoded protein also plays a role in eye, tooth and testis development. Elevated expression of this gene may be associated with cancer cachexia in human patients. [provided by RefSeq, Aug 2016]

**Protein Families:** Druggable Genome, Secreted Protein

**Protein Pathways:** Cytokine-cytokine receptor interaction, TGF-beta signaling pathway

## **Product images:**



15% SDS-PAGE (3ug)