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**Inhibin beta A Subunit**

**Human, Recombinant, *E. coli***

**Cat. No.:**

RCP9030

**Size:**

10µg

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**Synonym:**

Inhibin beta-1, Follicle-Stimulating Hormone Releasing Protein; Follicle-Stimulating Hormone Releasing Protein; Follicle-Stimulating Hormone Releasing Factor; Erythroid Differentiation Factor; EDF, Activin beta-A chain.

**Description:**

Inhibins are dimeric peptide hormones produced by female ovarian granulosa cells and male Sertoli cells as well as a variety of other tissues. Inhibins have two isoforms, A and B, with the same alpha subunit but different beta subunits. Inhibin A is a dimer of alpha and beta A subunits, inhibin B is a dimer of alpha and beta B subunits. Inhibins are thought to inhibit the production of follicle-stimulating hormone (FSH) by the pituitary gland. In addition, inhibins are also thought to play a role in the control of gametogenesis, and embryonic and foetal development.

**RANDOX** recombinant Inhibin beta A subunit comprises a 116 amino acid fragment (311-426) corresponding to the mature Inhibin beta A subunit protein and is expressed in *E. coli* with an amino-terminal hexahistidine tag. This product is for research use only and is not intended for diagnostic or therapeutic use.

**Form:**

Liquid.  
Supplied in 1x Laemmli Buffer (25mM Tris-HCl pH6.8, 50mM DTT, 1% (w/v) SDS, 0.1% (w/v) Bromophenol Blue, 2.5% Glycerol).

**Purity:**

Single band on Western blot.

**References:**

Burger, H.G. (1988) *J. Endocrinol.* **117(2)** : 159-160.

Tanimoto, K. et al., (1991) *DNA Seq.* **2** : 103-110.