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Datasheet for ABIN7319736

ACVA Protein

Overview

Quantity:	50 µg
Target:	ACVA
Origin:	Human, Mouse, Rat
Source:	Human Cells
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human/Mouse/Rat Activin A/INHBA Protein
Sequence:	Gly311-Ser426
Characteristics:	Recombinant Human/Mouse/Rat Activin A is produced by our Mammalian expression system and the target gene encoding Gly311-Ser426 is expressed.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	ACVA
Alternative Name:	Activin A/INHBA (ACVA Products)
Background:	Background: Activin and inhibin are two closely related protein complexes that have almost directly opposite biological effects. Activins, members of the TGF-beta superfamily, are disulfide-linked dimeric proteins originally purified from gonadal fluids as proteins that stimulated pituitary follicle stimulating hormone (FSH) release. Inhibins/activins are involved in

Target Details

regulating a number of diverse functions such as hypothalamic and pituitary hormone secretion, gonadal hormone secretion, germ cell development and maturation, erythroid differentiation, insulin secretion, nerve cell survival, embryonic axial development or bone growth, depending on their subunit composition. Activins are homodimers or heterodimers of the various beta subunit isoforms, while inhibins are heterodimers of a unique alpha subunit and one of the various beta subunits.

Synonym: Inhibin beta A chain,INHBA,Activin A

Molecular Weight: 13 kDa

UniProt: [P08476](#)

Pathways: [Hormone Transport](#), [Peptide Hormone Metabolism](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.