



AVISCERA BIOSCIENCE

Activin A Chain / INHBA (Human, Mouse, Rat) Recombinant

Product Information

Code	00181-02-10
Name	Activin A (Human) Rec.
Lot No.	
Size	10 µg
Species	Human
Sequence	Gly311-Ser426
Protein ID	NP_002183.1
Gene ID	NM_002192.3
MW	13 KDa
Tag	N/A
Source	HEK293 cells
Purity	>95% in SDS- PAGE gel
Formulation	PBS lyophilized form without preservatives
Carry	Free
Storage	-70° C
Reconstitution	100 µl

Description

A DNA sequence encoding the mature form of human Activin A /INHBA (NP_002183.1) (Gly311-Ser426) was expressed in HEK293 cells. The mature form sequences of the human, mouse, rat, cynomolgus and rhesus INHBA are identical. The recombinant human Activin A/INHBA consists of 116 amino acids and predicts a molecular mass of 13 kDa. Under reduce SDS-PAGE condition, the band of molecular mass indicated in 13 KDa.

Formulation

Lyophilized 10 µg Human Activin A/INHBA in sterile PBS, pH 7.4, 5% trehalose, 5% mannitol, 0.01% Tween 80. Carry free.

Endotoxin Levels

< 1.0 EU per 1 µg of the protein by the LAL method.

Bioactivity

This Human Activin A/INHBA was measured by its ability to inhibit proliferation of MPC-11 cells. The ED50 for this effect is 4-16 ng/mL.

Reconstitution & Storage

Add 100 µl sterile water to the vial to prepare a working stock solution at 100 µg/mL. Allow to set at least 30 minutes at 4° C, mix well.

Store lyophilized protein at -20° C or -70° C. Lyophilized protein is stable for up to 12 months from date of receipt at -20° C to -70° C. Upon reconstitution, this protein can be stored at -20° C for a few weeks or at -70° C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

Sequence: Human Activin A/INHBA (Gly³¹¹-Ser⁴²⁶)

ORDER INFORMATION
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