

Recombinant Human Activin A

Cat. # and size:	PA-10	10 µg
	PA-100	100 µg
	PA-1000	1000 µg

Protein Description

Activin A belongs to the members of the TGFβ superfamily. Activin A is involved in a wide range of biological processes including tissue morphogenesis and repair, fibrosis, inflammation, neural development, hematopoiesis, reproductive system function, and carcinogenesis.

Product Specifications

- Expression of Human Proteins in Human Cells
- Extreme low Endotoxin
- High Purity
- Animal Free and Xeno Free
- Tag Free

Source: Human cells derived

Structure: Non-glycosylated homodimer

Purity: >95% by SDS-PAGE

Endotoxin Level: <0.5EU/ug

Molecular Weight: 25kDa

Formulation: Lyophilized from a 0.2µm filtered solution in PBS without carrier protein

References

Kumanov P, et al. (2005) *Reprod. Biomed. Online* 10, 786.

Activity Assay

The activity was measured by the inhibition of proliferation of the murine MPC-11 cell line.

Reconstitution

Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile PBS containing 0.1% endotoxin-free recombinant human serum albumin to a desired concentration.

Stability & Storage

Store in a manual defrost freezer. In general, the lyophilized protein is stable for 12 months if stored at -80°C. Reconstituted protein is stable for 4 weeks at 2 to 8°C under sterile conditions. Store the reconstituted protein in aliquots at -20°C to -80°C for up to 3 months under sterile conditions. Avoid repeated freeze-thaw cycles.