

Human Latent Activin A, His Tag, CHO

Catalog Number	LDG170PHM
Package	5 µg / 20 µg / 100 µg / Customized package

For full product information, images and publications, please visit [our website](#).



Specifications

Species of Origin

Human

Affinity Tag

His Tag (C-term)

Purity

>95% as determined by SDS-PAGE analysis.

Activity

Measure by its ability to inhibit the proliferation of mouse MPC-11 cells. The ED₅₀ for this effect is <50 ng/mL.

Mycoplasma

Not detected

Expression system

CHO

Buffer

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

Molecular weight

The protein has a calculated MW of 45.9 kDa. The protein migrates as 40-45 kDa and 10-15 kDa under reducing condition (SDS-PAGE analysis).

Endotoxin level

<0.1 EU per 1 µg of the protein by the LAL method.

Form

Lyophilized

Background

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Background

Human Activin A is a member of the TGF- β superfamily involved in cell growth, differentiation, and immune regulation. It plays key roles in reproductive biology and is also linked to inflammation, fibrosis, and cancer. As a recombinant protein, Activin A is widely used in stem cell research and disease modeling.

Uniprot ID

P08476

Synonyms

Activin beta-A, INHBA, Activin A

Sequence Note

Ser21-Ser426

Instruction**Reconstitution**

It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 200 μ g/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.

Stability & Storage

This product is stable after storage at:

- -20°C for 12 months in lyophilized state from date of receipt.
- -20°C or -80°C for 1 month under sterile conditions after reconstitution.

Avoid repeated freeze/thaw cycles.

Shipping

The product is shipped with polar packs. Upon receipt, store it immediately at -20°C or lower for long term storage.

Image**Tainan Headquarter**

+886-6-2536677

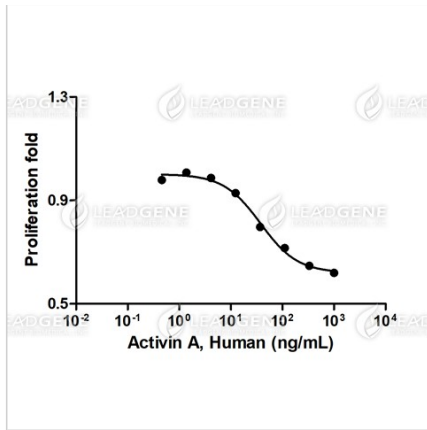
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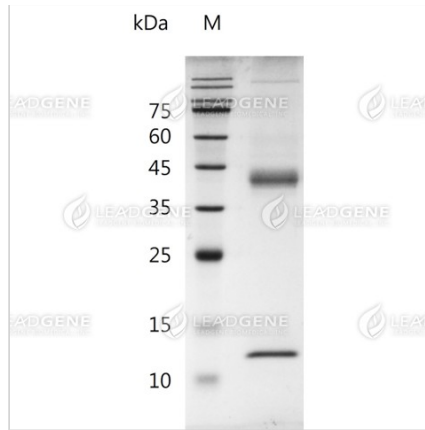
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Activity analysis of recombinant Human Latent Activin A, His tag, CHO.

Measure by its ability to inhibit the proliferation of mouse MPC-11 cells. The ED₅₀ for this effect is <50 ng/mL.



SDS-PAGE analysis of recombinant human latent Activin A.

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