

Recombinant Human Activin A

Catalog Number: **HZ-1138**

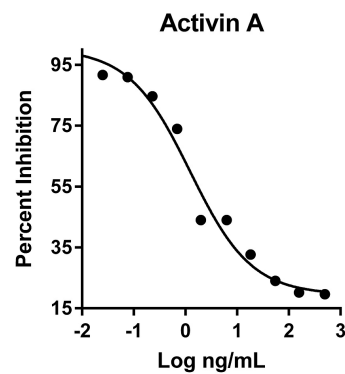
HEK293 expressed

Endotoxin-free

Animal-component free

Technical Specifications

Species	human
Expression	HEK293
Activity	Typically ≤ 5 ng/mL EC50
Purity	>95%
Molecular Mass	25 kDa, homodimer, non-glycosylated
Formulation	1x PBS, See Certificate of Analysis for details
Gene ID	3624



The activity was determined by the dose-dependent inhibition of proliferation of the MPC-11 cell line (mouse plasmacytoma cell line) using Promega CellTiter96[®] Aqueous Non-Radioactive Cell Proliferation Assay.

Reconstitution Buffer

Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein in sterile 1xPBS containing 0.1% endotoxin-free recombinant human serum albumin (HSA).

Stability and Storage

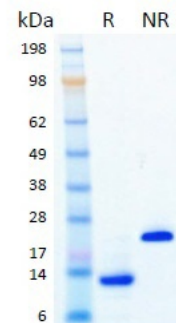
Lyophilized proteins are stable for 1 year from the date of receipt if stored between (-20°C) and (-80°C). Upon reconstitution we recommend that the solution can be stored at (4°C) for short term or at (-20°C) to (-80°C) for long term. Repeated freeze thaw cycles should be avoided with reconstituted products.

Product Description

Animal-free Recombinant Human Activin A is a member of the TGF beta superfamily, expressed from human 293 cells as disulfide linked homodimer with an apparent molecular mass of 25 kDa. This cytokine is produced in a serum-free, chemically defined media.

Synonyms

Activin A, Activin beta A chain, EDF, FRP, INHBA, Inhibin beta A chain, inhibin, beta A



The protein was resolved by SDS-polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue.

For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or
1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
W: ptglab.com

Humankine[®] product line
HUMANZYME
Now part of Proteintech Group[®]