

Catalog Number: HZ-1138

HEK293 expressed

Endotoxin-free

Animal-component free

## Technical Specifications

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

## 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

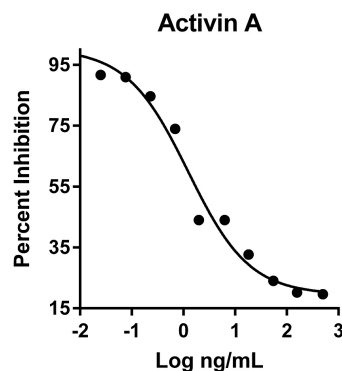
Lyophilized proteins are stable for 1 year from the date of receipt if stored between (-20°C) and (-80°C). Upon reconstitution we recommend that the solution can be stored at (4°C) for short term or at (-20°C) to (-80°C) for long term. Repeated freeze thaw cycles should be avoided with reconstituted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

## Product Description

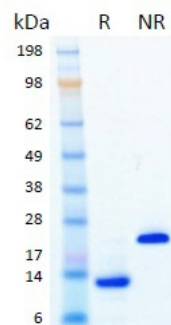
Animal-free Recombinant Human Activin A is a member of the TGF beta superfamily, expressed from human 293 cells as disulfide linked homodimer with an apparent molecular mass of 25 kDa. This cytokine is produced in a serum-free, chemically defined media.

## Synonyms

ActivinA, Activin-A, Activin A



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



The protein was resolved by SDS- polyacrylamide gel electrophoresis and the gel was stained with Coomassie blue. R represents reducing conditions and NR represents non-reducing conditions.

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

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