


## Recombinant Human Activin A

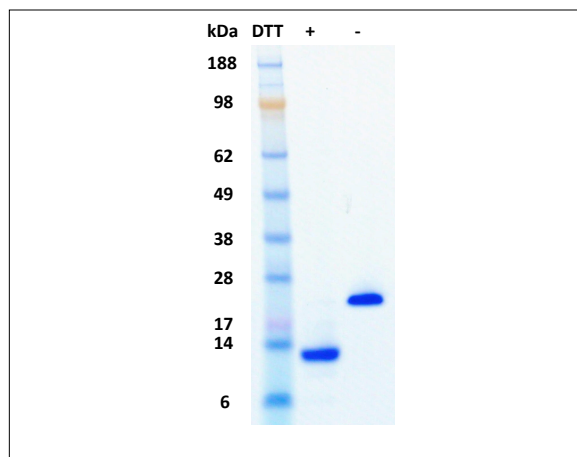
## Activin A HumaXpress

### Product Description

- Endotoxin-free\*
- Animal-derived product free
- Available in Bulk
- High Activity
- Expressed as disulfide –linked homodimer

Xeno-free Activin A<sup>HuXp</sup> 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. The purity is greater than 95%.

 All HumaXpress® HumanKine™ cytokines are animal-component-free and Xeno-free



### Typical Specifications

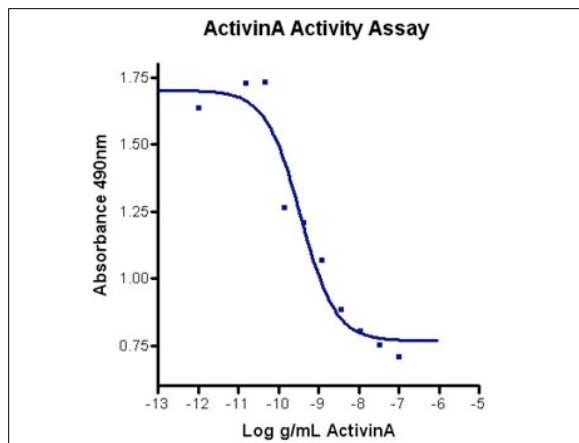
<b>Species</b>	Human
<b>Expression</b>	Human Cell Expressed
<b>Activity</b>	0.5 to 5 ng/mL ED50
<b>Purity</b>	>95%
<b>Endotoxin</b>	Endotoxin-free*
<b>Molecular Mass</b>	25 kDa, homodimer, non-glycosylated

### Purity Confirmation

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

### Activity Assay

The specific activity was determined by the dose-dependent inhibition of proliferation of the MPC-11 cell line (mouse plasmocytoma cell line).



\* Endotoxin-free ... <1 EU/μg  
All HumanKine™ cytokines are expressed in the HumaXpress® human cell expression system and intrinsically have low endotoxin levels.

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