

Data Sheet**Recombinant Human Activin A (rh Activin A)****Preclinical Grade - Order No.: 1422-010 / 1422-050**

Source	A DNA sequence encoding the native Activin A protein (also called Inhibin beta A chain) was expressed in <i>E. coli</i>
Production	Final manufacturing steps and QC are performed in a GMP facility
Molecular mass	The monomeric methionyl form of the <i>E. coli</i> expressed human Activin A is a covalent homodimer and has a molecular mass of 26.2 kDa
Purity	≥ 95%, as determined by SDS-PAGE
Endotoxin level	< 1000 EU/mg, as determined by LAL gel clot test
Activity	≥ 0.5 × 10 ³ IU/mg calibrated against the 1st International Standard NIBSC, #91/626 Determined by its ability to inhibit proliferation of MPC-11 cells
Sterility	Sterility test of the vial product (direct inoculation)
Formulation	Lyophilized from a 0.2 µm-filtered solution containing 20 mM Glycine, 150 mM NaCl, and 3% Mannitol, pH 9.5
Mass per vial	50 µg or 10 µg, as determined by spectrophotometrical measurement at 280 nm
Transport	Ambient temperature
Storage at	-20 °C or below. Avoid repeated freeze-thaw cycles
Shelf life	3 years from date of shipment

本品は研究用試薬です。治療および診断目的にはご使用できません。

Manufacturer

CellGenix GmbH
Am Flughafen 16 | 79108 Freiburg | Germany
Tel. +49 761 88889-0 | Fax +49 761 88889-830
www.cellgenix.com | info@cellgenix.com

CellGro® is a registered trademark
of CellGenix in several global markets.
In North America and a few other countries
CellGro® reagents are marketed under CellGenix™.