



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Product Information: Recombinant human Activin A, 1mg

### 1. Introduction

Activin A is a member of the TGF-beta superfamily of cytokines and is involved in a wide range of biological processes including tissue morphogenesis and repair, fibrosis, inflammation, neural development, hematopoiesis, reproductive system function, and carcinogenesis. Human Activin A is a 26.0 kDa disulfide-linked homodimer of two  $\beta$ A chains, each containing 116 amino acid residues. Activin A is mainly used for stem cell cultivation in order to differentiate the stem cell into endoderm or mesoderm.

Source: *Escherichia coli*

Amino Acids Sequence:

GLECDGKVNI CCKKQFFVSF KDIGWNDWII APSGYHANYC EGECPSHIAG TSGSLSLFHS

TVINHYMRG HSPFANLKSC CVPTKLRPMS MLYYDDGQNI IKKDIQNMIV EECGGS



### 2. Materials Provided

Component	Volume	Storage
Recombinant human Activin A, 1mg (0.1 mg/ml)	10 ml	Store at -80°C

### 3. Preparation for Use

Recombinant human Activin A is provided frozen and can be stored at -80°C until use. Before use, this frozen product should be thawed on ice. Avoid repeated freeze-thaw cycles. As a general guide, if product is dispensed after the first thawing, do not store the aliquots at -20°C for more than 6 months (within 4 years from the manufacturing date) or at -80°C for more than 4 years from the manufacturing date.

### 4. Precaution and Disclaimer

Recombinant human Activin A is for research use only and is not for diagnostic use, therapeutic use (including clinical research), or as a food. Activin A is dissolved in 50 mM sodium acetate buffer, pH4.6 (0.2  $\mu$ m filtered).

For Research Use Only. Not Intended for Human or Animal Diagnostic or Therapeutic Uses

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