

# Recombinant human Angiotensin 1 protein ab69492

## 1 References

### Description

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<b>Product name</b>	Recombinant human Angiotensin 1 protein
<b>Biological activity</b>	Determined by its ability to induce adhesion of human umbilical vein endothelial cells (HUVEC).
<b>Purity</b>	> 95 % SDS-PAGE. Greater than 95% by SDS-PAGE gel and HPLC analyses. Endotoxin level is less than 0.1 ng per µg (1EU/µg).
<b>Expression system</b>	HeLa cells
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	Sequencing analysis shows N-terminal sequences starting with Ser-20 and with Asp-70 of the 498 amino acid precursor protein.
<b>Tags</b>	His tag C-Terminus

### Specifications

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Our **Abpromise guarantee** covers the use of **ab69492** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

<b>Applications</b>	SDS-PAGE Functional Studies
<b>Form</b>	Lyophilized

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. Constituents: 5% Trehalose, 0.328% Sodium phosphate, 1.16% Sodium chloride This product is an active protein and may elicit a biological response in vivo, handle with caution.
<b>Reconstitution</b>	Reconstitution should be done in water to a concentration of 0.1-1.0mg/ml.

## General Info

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<b>Function</b>	Binds and activates TIE2 receptor by inducing its tyrosine phosphorylation. Implicated in endothelial developmental processes later and distinct from that of VEGF. Appears to play a crucial role in mediating reciprocal interactions between the endothelium and surrounding matrix and mesenchyme. Mediates blood vessel maturation/stability. It may play an important role in the heart early development.
<b>Sequence similarities</b>	Contains 1 fibrinogen C-terminal domain.
<b>Post-translational modifications</b>	Glycosylated.
<b>Cellular localization</b>	Secreted.

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**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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