

### Recombinant human Angiopoietin 2/ANG2 protein ab123226

#### 描述

产品名称	重组人Angiopoietin 2/ANG2蛋白
纯度	> 95 % SDS-PAGE. Purity is greater than 95% by SDS-PAGE gel and HPLC analyses.
表达系统	CHO cells
Accession	<b><u>O15123</u></b>
蛋白长度	Protein fragment
无动物成分	No
性质	Recombinant
种属	Human
序列	DAPLEYDDSV QRLQVLENIM ENNTQWLMKL ENYIQDNMCK EMVEIQQNAV QNQTAVMIEI GTNLLNQTAE QTRKLTDEVA QVLNQTTTRLE LQLLEHSLST NKLEKQILDQ TSEINKLQDK NSFLEKKVLA MEDKHIIQLQ SIKEEKDQLQ VLVSKQNSII EELEKKIVTA TVNNSVLQKQ QHDLMETVNN LLTMMSTSNS AKDPTVAKEE QISFRDCAEV FKSNGTHNGI YT
氨基酸	68 to 299
标签	His tag C-Terminus

#### 技术指标

Our **Abpromise guarantee** covers the use of **ab123226** in the following tested applications.

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

应用	SDS-PAGE HPLC Functional Studies
形式	Lyophilized
补充说明	Determined by its ability to stimulate tubulogenesis in HUVEC cells using a concentration of 0.2µg/ml. This product was previously labelled as Angiopoietin 2

## 制备和贮存

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### 稳定性和存储

Shipped at 4°C. Store at -20°C.

This product is an active protein and may elicit a biological response in vivo, handle with caution.

### 复溶

We recommend storing the lyophilised product at -20°C. If the product has been reconstituted, then we recommend storing with a carrier protein, such as 0.1% BSA in working aliquots at -20°C to -80°C for 3 months.

## 常规信息

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### 功能

Can induce tyrosine phosphorylation of TIE2. Binds to TIE2 receptor and counteracts blood vessel maturation/stability mediated by angiopoietin-1. Its function may be context-dependent. In the absence of angiogenic inducers, such as VEGF, ANG2-mediated loosening of cell-matrix contacts may induce endothelial cell apoptosis with consequent vascular regression. In concert with VEGF, it may facilitate endothelial cell migration and proliferation, thus serving as a permissive angiogenic signal.

### 序列相似性

Contains 1 fibrinogen C-terminal domain.

### 结构域

The Fibrinogen C-terminal domain mediates interaction with the TEK/TIE2 receptor.

### 细胞定位

Secreted.

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

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours
  
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