

### Recombinant human Endostatin/COL18A1 protein ab56290

画像数 1

#### 製品の詳細

製品名	Recombinant human Endostatin/COL18A1 protein
精製度	> 95 % SDS-PAGE. Purity : Greater than 98% by SDS-PAGE gel and HPLC analyses. Endotoxin level is less than 0.1 ng per µg (1EU/µg).
発現系	Escherichia coli
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MHSHRDFQPV LHLVALNSPL SGGMRGIRGA DFQCFQQARA VGLAGTFRAF LSSRLQDLYS IVRRADRAAV PIVNLKDELL FPSWEALFSG SEGPLKPGAR IFSFDGKDVL RHPTWPQKSV WHGSDPNGRR LTESYCETWR TEAPSATGQA SSLLGGRLLG QSAASCHHAY IVLCIENSFM TASK

#### 特性

Our **Abpromise guarantee** covers the use of **ab56290** in the following tested applications.

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

アプリケーション	SDS-PAGE Functional Studies Western blot
製品の状態	Lyophilized
備考	This product was previously labelled as Endostatin

#### 前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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This product is an active protein and may elicit a biological response in vivo, handle with caution.

## 再構成

For lot specific reconstitution information please contact our Scientific Support Team.

## 関連情報

### 機能

COLA18A probably plays a major role in determining the retinal structure as well as in the closure of the neural tube.

Endostatin potentially inhibits endothelial cell proliferation and angiogenesis. May inhibit angiogenesis by binding to the heparan sulfate proteoglycans involved in growth factor signaling.

### 組織特異性

Present in multiple organs with highest levels in liver, lung and kidney.

### 関連疾患

Defects in COL18A1 are a cause of Knobloch syndrome (KNO) [MIM:267750]. KNO is an autosomal recessive disorder defined by the occurrence of high myopia, vitreoretinal degeneration with retinal detachment, macular abnormalities and occipital encephalocele.

### 配列類似性

Belongs to the multiplexin collagen family.

Contains 1 FZ (frizzled) domain.

Contains 1 TSP N-terminal (TSPN) domain.

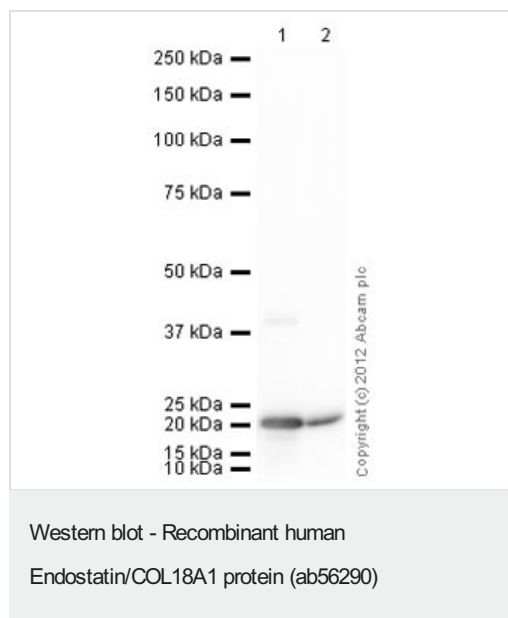
### 翻訳後修飾

Prolines at the third position of the tripeptide repeating unit (G-X-Y) are hydroxylated in some or all of the chains.

### 細胞内局在

Secreted > extracellular space > extracellular matrix.

## 画像



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

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