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## Datasheet for ABIN987805

### COL18A1 Protein

#### Overview

Quantity:	100 µg
Target:	COL18A1
Origin:	Human
Source:	Yeast ( <i>Pichia pastoris</i> )
Protein Type:	Recombinant
Biological Activity:	Active

#### Product Details

Characteristics:	Determined by Endothelial Cell Tube Formation. The cells treated with 10myg/ml Endostatin showed significant anti-angiogenesis effect.
Purity:	> 97 % by SDS-PAGE
Endotoxin Level:	level is less than 0.1 ng per myg (1EU/myg) of Endostatin

#### Target Details

Target:	COL18A1
Alternative Name:	Endostatin ( <a href="#">COL18A1 Products</a> )
Target Type:	Chemical
Background:	Endostatin is a cleaved product of the carboxyl-terminal domain of collagen XVIII. It functions as an anti-angiogenic cytokine that is expressed in various organs especially with high levels in liver, lung, and kidney. Endostatin inhibits angiogenesis by blocking the pro-angiogenic activities of VEGF and FGF-basic. Recombinant Endostatin expressed in yeast, which causes G1 arrest of

## Target Details

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endothelial cells. Endostatin treatment results in apoptosis of HUVE and HMVE cells.

Recombinant human Endostatin is a 20.2 kDa protein consisting of 184 amino acid residues.

Synonym: Endostatin 3 3 . Formulation: The sterile filtered solution was lyophilized with 17 mM citric-phosphate buffer, pH 6.2. .

## Application Details

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Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Storage: -20 °C