

## Endostatin Human

### Product Data Sheet

<b>Type:</b> Recombinant	<b>Cat. No.:</b>	
<b>Source:</b> Pichia Pastoris	RP1722480100	(0.1 mg)
<b>Species:</b> Human	RP1722481000	(1 mg)

### Description

Endostatin Human Recombinant produced in Pichia Pastoris is a single, glycosylated, polypeptide having a total molecular mass of 20,000 Dalton C-terminal fragment of collagen XVIII that has been shown to act as a potent inhibitor of angiogenesis and tumor growth in vitro and in vivo. Induces tyrosine phosphorylation of Shc (SH2 domain adapter protein) leading to specific inhibition in endothelial cell proliferation. The Endostatin is purified by proprietary chromatographic techniques.

### Research topic

Oncology

### Amino Acid Sequence

In total agreement with the expected amino acid composition of native human Endostatin.

### Source

Pichia Pastoris

### Purity

Greater than 98.0% as determined by:

- (a) Analysis by RP-HPLC.
- (b) Analysis by SDS-PAGE.

### Biological Activity

The activity calculated by ECE migration inhibition was found to be 50,000IU/mg.

### Formulation

The recombinant Human Endostatin is formulated with PBS.

### Shipping

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

### Storage, Stability/Shelf Life

Endostatin although stable at 4°C for 30 days, should be stored desiccated below -20°C for periods greater than 30 days. Please avoid Freeze/Thaw cycles.

### Physical Appearance

Sterile filtered liquid formulation.

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