

□ Cat # RP-751

Recombinant (yeast, his tag) Human Endostatin

Size: □ 20 ug

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.

#### Source & Storage

Expressed Pichia Pastoris and purified (>98%). Supplied in PBS, pH 7.4 in liquid or powder (or see lot sp. conc on the vial).

Endostatin although stable at 4°C for 30 days, should be stored desiccated below -20°C for periods greater than 30 days. If supplied in powder then reconstitute it in 100 ul water for 1 mg/ml stock and store in liquid at 4°C for ~1 week or aliquots in suitable size and store at -20°C for long term storage.

#### Biological Activity:

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

This item is for LABORATORY RESEARCH USE ONLY.

#### Related Items

ENST11-A	Anti-Human Endostatin IgG, aff pure
ENST11-C	Recombinant purified Human Endostatin protein W. Blot Positive control
ENST11-S	Anti-Human Endostatin antiserum
ENST12-C	Recombinant purified Mouse Endostatin protein W. Blot Positive control
ENST15-R-100	Recombinant purified Mouse Endostatin protein (P. Pastoris) biologically active
ENST16-M	Rat Monoclonal Anti-Mouse Endostatin IgG #2

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