

Endostatin Active Protein | COL18A1 active protein

Recombinant Human Endostatin

CATALOG # AAA38418	HOST E.Coli
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PRODUCT SYNONYMS

Endostatin; Recombinant Human Endostatin; Endostatin Human; Endostatin Human Recombinant; COL18A1 active protein

PRODUCT SPECIFICATIONS

Host	E.Coli
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	The recombinant Human Endostatin is formulated with 30mM Sodium acetate buffer and Mannitol, pH-5.5.
Sequence Length	1516
Physical Appearance	Sterile filtered liquid formulation 1mg/0.2ml.
Biological Activity	The activity was found to be 16,000IU/mg.
Preparation and Storage	Endostatin should be stored at 2-8°C. Do NOT Freeze!

ADDITIONAL INFORMATION

Related Product Information for COL18A1 active protein	Endostatin Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide having a predicted molecular mass of 20kDa. 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.
Product Categories/Family for COL18A1 active protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	110611235
NCBI GeneID	80781
NCBI Accession #	NP_085059.2
NCBI GenBank Nucleotide #	NM_030582.3
NCBI Official Full Name	collagen alpha-1(XVIII) chain isoform 1 preproprotein
NCBI Official Synonym Full Names	collagen, type XVIII, alpha 1
NCBI Official Symbol	COL18A1
NCBI Official Synonym Symbols	KS; KNO; KNO1
NCBI Protein Information	collagen alpha-1(XVIII) chain; collagen alpha-1(XVIII) chain; antiangiogenic agent; endostatin; multi-functional protein MFP
UniProt Protein Name	Collagen alpha-1(XVIII) chain

UniProt Gene Name	COL18A1
UniProt Entry Name	COIA1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/endostatin/38418>