

# Angiostatin K1-4 Recombinant Protein



RPPB2864

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## Product Information    Protein Information

**Product SKU:**

RPPB2864

**Host:**

Human Fluid.

**Protein description:**

Human Angiostatin kringles 1-4 is produced from Human Fluid is a glycosylated polypeptide chain which migrates as a doublet 50 kDa on SDS-PAGE. The Ang K1-4 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered lyophilized powder.

**Formulation:**

Lyophilized from a (1mg/ml) solution in containing 20mM Hepes buffer pH-8.2 & 20mM NaCl.

**Purity:**

Greater than 98.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized Angiostatin K1-4 in sterile 18M $\Omega$ -cm H<sub>2</sub>O not less than 100 $\mu$ g/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized Angiostatin Kringles 1-4 although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Angiostatin Kringles1-4 should be stored at 4°C between 2-7 days and for future use below -18°C.For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Please prevent freeze-thaw cycles.

**Biological Activity:**

Human Angiostatin Kringles 1-4 significantly inhibits basic-FGF induced endothelial cell proliferation and migration at concentration ranging from 300nM-1.0  $\mu$ M.