

Datasheet for ABIN935220

Angiotensin 1 Protein (ANGPT1)[Go to Product page](#)

Overview

Quantity: 20 µg

Target: Angiotensin 1 (ANGPT1)

Origin: Human

Source: HeLa Cells

Protein Type: Recombinant

Biological Activity: Active

Product Details

Characteristics: Purified recombinant Human Angiotensin 1 protein
Expression System: HeLa cells
Bioactivity: Determined by the dose-dependent stimulation of the proliferation of human umbilical vein endothelial cells (HUVEC).

Purity: > 95 % pure

Endotoxin Level: < 0.1 ng per µg (1 EU/µg).

Target Details

Target: Angiotensin 1 (ANGPT1)

Alternative Name: Angiotensin 1 ([ANGPT1 Products](#))

Background: Angiotensin-1 (Ang-1) is a secreted ligand for Tie-2, a tyrosine-kinase receptor expressed primarily on vascular endothelial cells and early hematopoietic cells. Ang-1/ Tie-2 signaling promotes angiogenesis during the development, remodeling, and repair of the vascular system.

Target Details

Transgenic mice lacking expression of either Ang-1 or Tie-2 fail to develop a fully functional cardiovascular system and die before birth.

Alternative Names: AGPT protein, ANGPT 1 protein, ANG1 protein, ANG 1 protein, KIAA0003 protein, Angiopoietin 1, Angiopoietin 1, ANGPT1 protein, AGP1 protein, AGP 1 protein, Angiopoietin -1, Angiopoietin -1 protein, Angiopoietin1 protein, Angiopoietin 1 protein

Pathways: [RTK Signaling](#), [Glycosaminoglycan Metabolic Process](#)

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Supplied as a lyophilized powder.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.