

Datasheet for ABIN7519673

Angiopoietin 2 Protein (ANGPT2) (His tag,AVI tag)



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Overview

Quantity:	100 µg
Target:	Angiopoietin 2 (ANGPT2)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Angiopoietin 2 protein is labelled with His tag,AVI tag.

Product Details

Purpose:	Recombinant Human Angiopoietin-2/ANGPT2 Protein
Specificity:	Lys275-Phe496
Purity:	> 95 % by SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	< 0.1 EU/µg of the protein by LAL method.

Target Details

Target:	Angiopoietin 2 (ANGPT2)
Alternative Name:	Angiopoietin-2/ANGPT2 (ANGPT2 Products)
Background:	Description: Angiopoietin-2 (Ang-2, also ANGPT2) is a secreted glycoprotein that plays a complex role in angiogenesis and inflammation . Mature Ang-2 is 478 amino acids in length.Ang2 is widely expressed during development, but it is restricted postnatally to highly angiogenic tissues such as the placenta, ovaries, and uterus. It is particularly abundant in

Target Details

vascular endothelial cells (EC) where it is stored in intracellular Weibel Palade bodies.
Name: AGPT2, ANG2,ANGPT2,ANG2

Gene ID: 285
UniProt: [O15123](#)
Pathways: [RTK Signaling](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the tube before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C,-80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80 °C for long term.
After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.