

Datasheet for ABIN7536327

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

Overview

Quantity:	100 µg
Target:	Angiotensin 1 (ANGPT1)
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Angiotensin 1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse Angiotensin-1/ANG-1/ANGPT1 Protein
Sequence:	REEEKPFKDC ADVYQAGFNK SGIYTIYFNN MPEPKKVFCN MDVNGGGWTV IQHREDGSLD FQRGWKEYKM GFGNPSGEYW LGNEFIFAIT SQRQYMLRIE LMDWEGNRAY SQYDRFHIGN EKQNYRLYLK GHTGTAGKQS SLILHGADFS TKDADNDNCM CKCALMLTGG WWFDACGPSN LNGMFYTAGQ NHGKLNGIKW HYFKGPSYSL RSTTMMIRPL DF
Specificity:	Arg277-Phe498
Purity:	> 97 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	<0.001EU/µg

Target Details

Target:	Angiotensin 1 (ANGPT1)
Alternative Name:	Angiotensin-1/ANG-1/ANGPT1 (ANGPT1 Products)

Target Details

Background:	Description: The angiopoietin (ANGPT)-TIE2/TEK signaling pathway is essential for blood and lymphatic vascular homeostasis. ANGPT1 is a potent TIE2 activator, whereas ANGPT2 functions as a context-dependent agonist/antagonist. In disease, ANGPT2-mediated inhibition of TIE2 in blood vessels is linked to vascular leak, inflammation, and metastasis. Name: Ang1, Ang-1, 1110046O21Rik
Gene ID:	11600
UniProt:	O08538
Pathways:	RTK Signaling , Glycosaminoglycan Metabolic Process

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the vial 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.
Concentration:	0.92 mg/mL
Buffer:	Lyophilized from a 0.22 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 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.