

Angiotensin-1 Protein, Mouse (HEK293, N-His)

Cat. No.:	HY-P74412A
Synonyms:	AGP1; AGPT; ANG-1; Angiotensin-1; ANGPT1
Species:	Mouse
Source:	HEK293
Accession:	NP_033770.2 (R277-F498)
Gene ID:	11600
Molecular Weight:	Approximately 29 kDa

PROPERTIES

AA Sequence	<pre> R E E E K P F R D C A D V Y Q A G F N K S G I Y T I Y F N N M P E P K K V F C N M D V N G G G W T V I Q H R E D G S L D F Q R G W K E Y K M G F G N P S G E Y W L G N E F I F A I T S Q R Q Y M L R I E L M D W E G N R A Y S Q Y D R F H I G N E K Q N Y R L Y L K G H T G T A G K Q S S L I L H G A D F S T K D A D N D N C M C K C A L M L T G G W W F D A C G P S N L N G M F Y T A G Q N H G K L N G I K W H Y F K G P S Y S L R S T T M M I R P L D F </pre>
Biological Activity	Measured by the ability of the immobilized protein to support the adhesion of HUVEC human umbilical vein endothelial cells. The ED ₅₀ for this effect is 223.9 ng/mL, corresponding to a specific activity is 4.466×10 ³ units/mg.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

Caution: Product has not been fully validated for medical applications. For research use only.

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