

Human Angiotensin II

CATALOG #:	4917-5MG
AMOUNT:	5 mg
LOT #:	_____
MOL. WT.	1047.2
SEQUENCE:	H-Asp-Arg-Val-Tyr-Ile-His-Pro-Phe-OH
PURITY:	>95% by HPLC
FORM:	Lyophilized powder
SUGGESTED SOLVENT:	Soluble in Water (25 mg/ml)

STORAGE CONDITIONS:

The lyophilized peptide should be stored desiccated at -20°C. Stable for 6 months. Reconstituted Angiotensin II should be stored in working aliquots at -20°C. Avoid freeze/thaw cycles.

DESCRIPTION:

The octapeptide angiotensin II exerts a wide range of effects on the cardiovascular system. It is also implicated in the regulation of cell proliferation, fibrosis and apoptosis. Angiotensin II is formed by cleavage of angiotensin I by angiotensin-converting enzyme (ACE) or chymases. Human heart chymase, a chymotrypsin-like serine proteinase, hydrolyzes the Phe8-His9 bond to yield the octapeptide hormone angiotensin II and His-Leu.

FOR RESEARCH USE ONLY! Not to be used in humans.

RELATED PRODUCTS:

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- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

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- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

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- CETP & PLTP Activity Assay & Drug Discovery Kits
- Cholesterol, HDL/LDL, Triglyceride Quantification Kits
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- Lactate, Uric acid, Ethanol, Ascorbic Acid, Fatty Acid Assay Kits
- Hemin, Glycerol, Phosphate, Coline, Sarcosine Pyruvate Assay Kits

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- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit