

Human Angiotensin II Octapeptide

Catalog No.	CRA154	Quantity:	5 mg
Alternate Names:	Angiotensinogen, AGT, ANHU		
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.		
Gene ID:	183		
Protein Accession No:	NP_000020		
Molecular Weight:	1,047 Da		
Formulation:	Lyophilized		
Purity:	>95% by SDS-PAGE		
Amino Acid Sequence:	H-Asp-Arg-Val-Tyr-Ile-His-Pro-Phe-OH		
Reconstitution:	Centrifuge vial prior to opening. Reconstitute in sterile distilled water.		
Storage & Stability:	Lyophilized protein is stable for 6 months at -20°C. After reconstitution, store in working aliquots at -20°C. Avoid repeated freeze-thaw cycles.		

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