
Angiotensin I/BSA

Catalog Number: Y-0273B

AA Seq: DRVYIHPFHL-BSA

Tags: N/A

Activity: No

Endotoxin: Not analyzed

Storage: Stored at -70°C or -20°C. Avoid repeated freeze/thaw cycles.

Background: Angiotensin I appears to have no biological activity and exists solely as a precursor to angiotensin 2. Angiotensin I is formed by the action of renin on angiotensinogen. Renin cleaves the peptide bond between the leucine (Leu) and valine (Val) residues on angiotensinogen, creating the ten-amino acid peptide (des-Asp) angiotensin I. Renin is produced in the kidneys in response to renal sympathetic activity, decreased intrarenal blood pressure at the juxtaglomerular cells, or decreased delivery of Na⁺ and Cl⁻ to the macula densa. If less Na⁺ is sensed by the macula densa, renin release by juxtaglomerular cells is increased.