

REN

Recombinant Dog Prorenin His Tagged

Catalog No.	CSI19767A	Quantity:	1.0 mg
	CSI19767B		10 mg

Description: Prorenin is a glycosylated aspartic protease that consists of 2 homologous lobes and is the precursor of Renin. Prorenin exhibits a low level of enzymatic activity relative to Renin which is generated from Prorenin by proteolytic cleavage of the first ~43 amino acids at the N-terminus. This so called prosegment appears to block the full enzymatic potential of the active site. Renin activates the Renin-Angiotensin System (RAS) by cleaving Angiotensinogen, produced by the liver, to yield Angiotensin I, which is further converted into Angiotensin II by Angiotensin-Converting Enzyme (ACE) primarily within the capillaries of the lungs.

Concentration: 1.0 mg/mL

Volume: 0.1 mL

Molecular Weight: 41.7 kDa

Source: Human Embryonic Kidney Cells

Tag: 8X His Tag C-Terminus

Formulation: Frozen Liquid in 0.05 M Tris-HCl pH 8.0

Purification: Chelated Metal Affinity Chromatography

Storage & Stability: Store at -70°C.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

