

Datasheet for ABIN934759

Angiotensin I Converting Enzyme 1 Protein

[Go to Product page](#)

Overview

Quantity:	1 unit
Target:	Angiotensin I Converting Enzyme 1 (ACE)
Origin:	Rabbit
Source:	Rabbit
Protein Type:	Native

Product Details

Characteristics:	Purified native Rabbit ACE protein Protein Source: Rabbit lung
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Target Details

Target:	Angiotensin I Converting Enzyme 1 (ACE)
Alternative Name:	ACE (ACE Products)
Background:	<p>Angiotensin I-converting enzyme (ACE, EC 3.4.15.1), an exopeptidase, is a circulating enzyme that participates in the body's renin-angiotensin system (RAS), which mediates extracellular volume (i.e. that of the blood plasma, lymph and interstitial fluid), and arterial vasoconstriction. It is secreted by pulmonary and renal endothelial cells and catalyzes the conversion of decapeptide angiotensin I to octapeptide angiotensin II.</p> <p>Description: Rabbit lung.</p> <p>Alternative Names: CD143 protein, Angiotensin Converting Enzyme protein, Peptidyl-dipeptidase A protein, Peptidyl-dipeptide Hydrolase protein</p>
Pathways:	ACE Inhibitor Pathway , Peptide Hormone Metabolism , Regulation of Systemic Arterial Blood

Target Details

Pressure by Hormones, Feeding Behaviour, Smooth Muscle Cell Migration

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Supplied as a lyophilized powder.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -20 °C

Storage Comment: Aliquot and store at -20 °C.