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Datasheet for ABIN7505530

**Angiotensin I Converting Enzyme 1 Protein (AA 1071-1313)  
(His tag)**

## Overview

Quantity:	100 µg
Target:	Angiotensin I Converting Enzyme 1 (ACE)
Protein Characteristics:	AA 1071-1313
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Angiotensin I Converting Enzyme 1 protein is labelled with His tag.

## Product Details

Sequence:	Phe 1071-Ser 1313
Characteristics:	A DNA sequence encoding the Rat ACE protein (P47820) (Phe 1071-Ser 1313) was expressed with N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	Angiotensin I Converting Enzyme 1 (ACE)
Alternative Name:	ACE ( <a href="#">ACE Products</a> )
Background:	Background: Dipeptidyl carboxypeptidase that removes dipeptides from the C-terminus of a variety of circulating hormones, such as angiotensin I, bradykinin or enkephalins, thereby playing a key role in the regulation of blood pressure, electrolyte homeostasis or syna  Synonym: Angiotensin-converting enzyme,Dipeptidyl carboxypeptidase I,Kininase II,CD143,Dcp1

Target Details

Molecular Weight:	26.62 kDa
UniProt:	<a href="#">P47820</a>
Pathways:	<a href="#">ACE Inhibitor Pathway</a> , <a href="#">Peptide Hormone Metabolism</a> , <a href="#">Regulation of Systemic Arterial Blood Pressure by Hormones</a> , <a href="#">Feeding Behaviour</a> , <a href="#">Smooth Muscle Cell Migration</a>

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months