

Datasheet for ABIN6238680

Angiotensin I Converting Enzyme 1 Protein (AA 1160-1306) (His tag)



[Go to Product page](#)

Overview

Quantity:	50 µg
Target:	Angiotensin I Converting Enzyme 1 (ACE)
Protein Characteristics:	AA 1160-1306
Origin:	Human
Source:	Escherichia coli (E. coli)
Biological Activity:	Active
Purification tag / Conjugate:	This Angiotensin I Converting Enzyme 1 protein is labelled with His tag.
Application:	Activity Assay (AcA), Cell Culture (CC)

Product Details

Sequence:	Ser1160~Ser1306
Characteristics:	Tag location: N-terminal His Tag
Purity:	> 90 %

Target Details

Target:	Angiotensin I Converting Enzyme 1 (ACE)
Alternative Name:	Angiotensin I Converting Enzyme (ACE) (ACE Products)
Background:	Alternative Names: CD143, ACE1, DCP1, ACEI, ACE-I, Kininase II, Angiotensin-Converting Enzyme, Peptidyl-Dipeptidase A, Dipeptidyl Carboxypeptidase 1, Angiotensin-converting enzyme, soluble form

Target Details

Molecular Weight:	20kDa
Pathways:	ACE Inhibitor Pathway , Peptide Hormone Metabolism , Regulation of Systemic Arterial Blood Pressure by Hormones , Feeding Behaviour , Smooth Muscle Cell Migration

Application Details

Application Notes:	Isoelectric Point: 10
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300.
Preservative:	Dithiothreitol (DTT), ProClin
Precaution of Use:	This product contains ProClin and Dithiothreitol (DTT): POISONOUS AND HAZARDOUS SUBSTANCES which should be handled by trained staff only.
Storage:	4 °C/-80 °C
Storage Comment:	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.