

Recombinant Rat Ace, His-tagged

Cat. No. Ace-3458R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Angiotensin-converting enzyme (Ace), partial
Species	Rat
Source	E.Coli/Yeast
ProteinLength	1313
Description	catalyzes the conversion of angiotensin I to angiotensin II; plays a role in regulation of blood pressure .
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Ace recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol

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Warning

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name [Ace angiotensin I converting enzyme \(peptidyl-dipeptidase A\) 1 \[Rattus norvegicus \]](#)

Official Symbol Ace

Synonyms

ACE; angiotensin I converting enzyme (peptidyl-dipeptidase A) 1; angiotensin-converting enzyme; kininase II; dipeptidyl carboxypeptidase I; angiotensin 1 converting enzyme 1; angiotensin I converting enzyme 1; Dipeptidyl carboxypeptidase 1 (Angiotensin I-converting enzyme); angiotensin I-converting enzyme (Dipeptidyl carboxypeptidase 1); Dcp1; StsRR92;

Gene ID [24310](#)

mRNA Refseq [NM_012544](#)

Protein Refseq [NP_036676](#)

Pathway

ACE Inhibitor Pathway, organism-specific biosystem; Chagas disease (American trypanosomiasis), organism-specific biosystem; Chagas disease (American trypanosomiasis), conserved biosystem; Hypertrophic cardiomyopathy (HCM), organism-specific biosystem; Hyp

Function

actin binding; actin binding; bradykinin receptor binding; bradykinin receptor binding; carboxypeptidase activity; chloride ion binding; chloride ion binding; drug binding; drug binding; endopeptidase activity; metal ion binding; metallopeptidase activity; metallopeptidase activity; peptidase activity; peptide binding; peptidyl-dipeptidase activity; peptidyl-dipeptidase activity; zinc ion binding; zinc ion binding;

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