

Recombinant Rat Ace2 protein, His & T7-tagged

Cat. No. Ace2-1931R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Ace2 aa. (Leu392~Val739 (Accession # Q5EGZ1)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Leu392~Val739
Description	Enzyme peptidyl-dipeptidase; mouse homolog has a role in regulation of cardiac contractility and regulating Angiotensin 1 and 2 levels.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 43.8kDa.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.5.
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate

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was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage Buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.

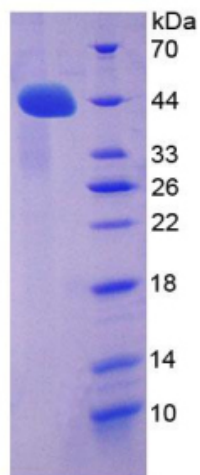
GENE INFORMATION

Gene Name	Ace2 angiotensin I converting enzyme 2 [Rattus norvegicus (Norway rat)]
Official Symbol	Ace2
Synonyms	Mylk2; myosin, light polypeptide kinase 2, skeletal muscle; BB138278; 9830004H17Rik; myosin light chain kinase 2, skeletal/cardiac muscle; MLCK2
Gene ID	302668
mRNA Refseq	NM_001012006.1
Protein Refseq	NP_001012006.1
UniProt ID	Q5EGZ1

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15% SDS-PAGE

SDS-PAGE

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