

Recombinant Pig ACE protein, His & GST-tagged

Cat. No. ACE-514P Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Pig ACE (Q4ACT8) aa. (Trp918~Asn1088) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Pig
Source	E.coli
ProteinLength	Trp918~Asn1088
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 52.0kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 5.9.
Applications	SDS-PAGE; WB; ELISA; IP
Stability	The thermal stability is described by the loss rate. The loss rate 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. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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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	PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4

GENE INFORMATION

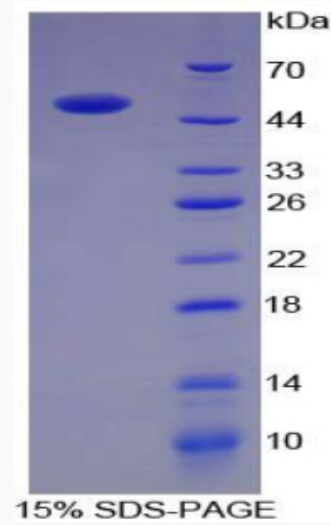
Gene Name	ACE angiotensin I converting enzyme (peptidyl-dipeptidase A) 1 [<i>Sus scrofa</i> (pig)]
Official Symbol	ACE
Synonyms	ACE; angiotensin I converting enzyme (peptidyl-dipeptidase A) 1; angiotensin-converting enzyme; angiotensin-I converting enzyme
Gene ID	613133
mRNA Refseq	NM_001033015.3
Protein Refseq	NP_001028187.3
UniProt ID	Q4ACT8

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SDS-PAGE



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