

Recombinant Mouse Ace protein, His & GST-tagged

Cat. No. Ace-511M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ace (Q3TU20) aa. (Tyr504~Asp597) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Tyr504~Asp597
Form	Freeze-dried powder
Molecular Mass	38kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Characteristic	The isoelectric point is 6.8.
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 [Mus musculus (house mouse)]
Official Symbol	Ace
Synonyms	Ace; angiotensin I converting enzyme (peptidyl-dipeptidase A) 1; CD143; AW208573; angiotensin-converting enzyme; dipeptidyl carboxypeptidase I; dipeptidyl peptidase; kininase II
Gene ID	11421
mRNA Refseq	NM_001281819.1
Protein Refseq	NP_001268748.1
UniProt ID	Q3TU20

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