

Recombinant Mouse Agtrap Protein, His&GST-tagged

Cat. No. Agtrap-98M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Agtrap Protein (Met1-Pro158) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1-Pro158
Description	Enables angiotensin type II receptor activity. Acts upstream of or within regulation of blood pressure. Located in cell cortex and plasma membrane. Is expressed in several structures, including genitourinary system; ileum; liver; lung; and spleen. Used to study acquired metabolic disease. Orthologous to human AGTRAP (angiotensin II receptor associated protein).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 47.3 kDa Accurate Molecular Mass: 47 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by

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accelerated thermal degradation test, that is, incubate the protein at 37 centigrade 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.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

Agtrap angiotensin II, type I receptor-associated protein [*Mus musculus* (house mouse)]

Official Symbol

Agtrap

Synonyms

AGTRAP; angiotensin II, type I receptor-associated protein; type-1 angiotensin II receptor-associated protein; AT1 receptor; AT1 receptor-associated protein; angiotensin II receptor, type I; AT1R; Atrap; D4Wsu124e; 3300002E14Rik

Gene ID

11610

mRNA Refseq

NM_009642

Protein Refseq

NP_033772

UniProt ID

Q9WVK0

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