

Recombinant Mouse Tinagl1 Protein, His-tagged

Cat. No. Tinagl1-415M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tinagl1 Protein (Arg22-His466) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Arg22-His466
Description	Enables laminin binding activity. Predicted to be involved in proteolysis. Located in cytoplasm. Is expressed in several structures, including adrenal gland; blastocyst; brain ventricle; early embryo; and submandibular gland primordium. Orthologous to human TINAGL1 (tubulointerstitial nephritis antigen like 1).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 54.1 kDa Accurate Molecular Mass: 54 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 accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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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

Tinagl1 tubulointerstitial nephritis antigen-like 1 [*Mus musculus* (house mouse)]

Official Symbol

Tinagl1

Synonyms

TINAGL1; tubulointerstitial nephritis antigen-like 1; tubulointerstitial nephritis antigen-like; adrenocortical zonation factor 1; androgen-regulated gene 1 protein; tubulointerstitial nephritis antigen-related protein; AZ1; AZ-1; Arg1; Lcn7; TARP; Tinagl; 1110021J17Rik

Gene ID

94242

mRNA Refseq

NM_001168333

Protein Refseq

NP_001161805

UniProt ID

Q99JR5

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