

Recombinant Mouse Ear4 Protein, His-tagged

Cat. No. Ear4-1393M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Ear4 Protein (Gln26-Phe155) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gln26-Phe155
Description	Predicted to enable ribonuclease activity. Predicted to be involved in chemotaxis and innate immune response in mucosa. Predicted to be located in lysosome. Predicted to be active in extracellular space.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.4 kDa Accurate Molecular Mass: 18 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 48h, and no obvious degradation and precipitation were observed. The loss rate is

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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, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

Ear4 eosinophil-associated, ribonuclease A family, member 4 [*Mus musculus* (house mouse)]

Official Symbol

Ear4

Synonyms

Ear4; eosinophil-associated, ribonuclease A family, member 4; mR4; RNS2; Rnase2; non-secretory ribonuclease; eosinophil cationic-type ribonuclease 4; liver, eosinophil-derived neurotoxin; murine ribonuclease 4; ribonuclease, RNase A family, 2; EC 4.6.1.18

Gene ID

53877

mRNA Refseq

NM_001017422

Protein Refseq

NP_001017422

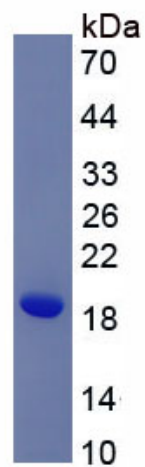
UniProt ID

O35291

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