

Recombinant Rat Rnaset2 Protein, His-tagged

Cat. No. Rnaset2-2022R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Rnaset2 Protein (Lys114-Gln294) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Lys114-Gln294
Description	Predicted to enable endoribonuclease activity. Predicted to be involved in RNA catabolic process. Predicted to be located in endoplasmic reticulum lumen; extracellular space; and lysosome. Predicted to be active in extracellular region. Human ortholog(s) of this gene implicated in RNASET2-deficient cystic leukoencephalopathy. Orthologous to human RNASET2 (ribonuclease T2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.6 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, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Rnaset2 ribonuclease T2 [*Rattus norvegicus* (Norway rat)]

Official Symbol

Rnaset2

Synonyms

Rnaset2; ribonuclease T2; ribonuclease T2; EC 4.6.1.19

Gene ID

292306

mRNA Refseq

NM_001106210

Protein Refseq

NP_001099680

UniProt ID

D3ZCH6

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