

Recombinant Rat Rnase2 Protein, His-tagged

Cat. No. Rnase2-2020R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Rnase2 Protein (Gln26-Phe155) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Gln26-Phe155
Description	Predicted to enable ribonuclease activity. Predicted to be involved in RNA phosphodiester bond hydrolysis; chemotaxis; and defense response to other organism. Predicted to be active in extracellular space. Orthologous to several human genes including RNASE2 (ribonuclease A family member 2).
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

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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	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 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.

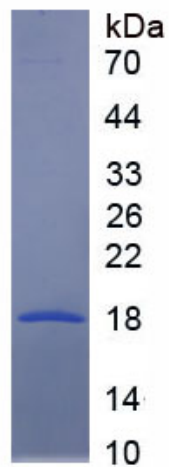
GENE INFORMATION

Gene Name	Rnase2 ribonuclease, RNase A family, 2 (liver, eosinophil-derived neurotoxin) [<i>Rattus norvegicus</i> (Norway rat)]
Official Symbol	Rnase2
Synonyms	RNASE2; ribonuclease, RNase A family, 2 (liver, eosinophil-derived neurotoxin); ribonuclease 5; ribonuclease 14; ribonuclease 15; pre-eosinophil-associated ribonuclease-2; eosinophil-associated, ribonuclease A family, member 4; R5; R14; R15; Ear4;
Gene ID	474169
mRNA Refseq	NM_001007015
Protein Refseq	NP_001007016
UniProt ID	Q5WN11

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