

Recombinant Mouse Rnaset2a Protein, His-tagged

Cat. No. Rnaset2a-2023M **Lot. No.** (See product label)

SPECIFICATION

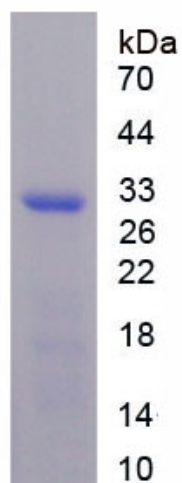
Product Overview	Recombinant Mouse Rnaset2a Protein (Leu32-His259) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Leu32-His259
Description	Predicted to enable endoribonuclease activity. Predicted to be involved in RNA catabolic process. Predicted to be located in endoplasmic reticulum lumen; extracellular space; and lysosome. Predicted to be active in extracellular region. Is expressed in several structures, including alimentary system; brain; genitourinary system; integumental system; and sensory organ. 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: 30.2 kDa Accurate Molecular Mass: 30 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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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 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 ddH2O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
GENE INFORMATION	
Gene Name	Rnaset2a ribonuclease T2A [Mus musculus (house mouse)]
Official Symbol	Rnaset2a
Synonyms	Rnaset2a; ribonuclease T2A; C79750; Rnaset2; RNASE6PL; 0610007O07Rik; 4833423A10Rik; 4930532K22Rik; ribonuclease T2-A; ribonuclease 6; ribonuclease 6-A; ribonuclease T2; NP_001077407.1; EC 4.6.1.19
Gene ID	100037283
mRNA Refseq	NM_001083938
Protein Refseq	NP_001077407
UniProt ID	C0HKG5



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