

[Go to Product page](#)

Datasheet for ABIN1945428

RNASET2 Protein (AA 25-256) (His tag)

Overview

Quantity:	50 µg
Target:	RNASET2
Protein Characteristics:	AA 25-256
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNASET2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human Ribonuclease T2/RNASET2 (C-6His)
Sequence:	DKRLRDNHEW KKLIMVQHWP ETVCEKIQND CRDPPDYWTI HGLWPDKSEG CNRSWPFNLE EIKDLLPEMR AYWPDVIHSF PNRSRFWKHE WEKHGTCAAQ VDALNSQKKY FGRSLEYRE LDLNSVLLKL GIKPSINYYQ VADFKDALAR VYGVIPKIQ C LPPSQDEEVQ TIGQIELCLT KQDQQLQNCT EPGEQPSPKQ EVWLANGAAE SRGLRVCEDG PVFYPPPKKT KHVDDHHHHHH
Characteristics:	Recombinant Human Ribonuclease T2/RNASET2 is produced with our mammalian expression system in human cells. The target protein is expressed with sequence (AA 25-256) of Human RNASET2 fused with a polyhistidine tag at the C-termin
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	RNASET2
Alternative Name:	RNASET2 (RNASET2 Products)
Background:	RNASET2, also known as RNASE6PL, is short for bonuclease T2. It is a 256 aa. protein which belongs to the RNase T2 family. RNASET2 is a secreted protein, and is higher expressed in the temporal lobe and fetal brain. This protein can be inhibited by Zn ²⁺ and Cu ²⁺ . It has ribonuclease activity, with higher activity at acidic pH and is probably involved in lysosomal degradation of ribosomal RNA. It also plays a role in cellular RNA catabolism.
Molecular Weight:	28.2 kDa
UniProt:	O00584

Application Details

Restrictions:	For Research Use only
---------------	-----------------------

Handling

Format:	Liquid
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM TrisHcl, 150 mM NaCl, 20 % Glycerol, pH 7.5.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C
Storage Comment:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Expiry Date:	6 months