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Datasheet for ABIN1643586

## RNASE2 Protein (AA 28-160) (His tag)

### Overview

Quantity:	1 mg
Target:	RNASE2
Protein Characteristics:	AA 28-160
Origin:	Macaca nemestrina
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNASE2 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	KPR QFTWAQWFEI QHINMTSGQC TNAMLVINNY QRRCKNQNTF LLTTFADV VH VCGNPSMPCP SNTSLNNCHH SGVQVPLIHC NLTPSRRI NCRYTQTTAN KYIYVACNNS DPVRDPPQYP VVPVHLDRVI
Specificity:	Macaca nemestrina (Pig-tailed macaque)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.
Purity:	> 90 %

### Target Details

Target:	RNASE2
Alternative Name:	Non-secretory ribonuclease (RNASE2) ( <a href="#">RNASE2 Products</a> )

## Target Details

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Background: Recommended name: Non-secretory ribonuclease.  
EC= 3.1.27.5.  
Alternative name(s): Eosinophil-derived neurotoxin RNase Upl-2 Ribonuclease 2.  
Short name= RNase 2 Ribonuclease US

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UniProt: [Q8SPY5](#)

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## Application Details

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Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Concentration: 0.2-2 mg/mL

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Buffer: Tris-based buffer, 50 % glycerol

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Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.

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