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Datasheet for ABIN1668857  
**RNY Protein (AA 1-498) (His tag)**

### Overview

Quantity:	1 mg
Target:	RNY
Protein Characteristics:	AA 1-498
Origin:	Pelotomaculum thermopropionicum
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This RNY protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence:	MAFCAGYFLR KYLAEAKIAS AEAQAKKILE EAEKEAEAKK REAILEAKEE VLKLRNDMER ENRERRLELQ RLERRLVQKE ETLDRKVDAL EKKEDALNRK EAEIDAIIKAQ LNEIYKKQLS ELERISGMTS EEAQALLSD IEKEIQHEAA MLIKEIESKA REEGEKRRARD IISLAIQRCA ADHVAEATVS VIPLPSDEMK GRIIGREGRN IRAFETLTGI DLIIDDTPEA VILSGFDPIR REVARIALEK LIVDGRIHPA RIEEMVEKAQ KEVNVQIRDA GEQAVFETGV HGLHPELVTL LGRLKFRTSY GQNVLKHSIE VAHLAGLMAS EIGVDIQMAK RAGLLHDIGK AVDHEVEGPH VAIGIDLAKK YREAQEIIHA IAAHHGDEEP KSIIAVLVQA ADAISAARPG ARRETLEAYI KRLTKLEEIA NSFDGVEKSY AIQAGREVRI MVKPEKIDDL GAIRLVREIT KKIENELDYP GQIKVVIIRE TRVVEYAK
Specificity:	Pelotomaculum thermopropionicum (strain DSM 13744 / JCM 10971 / SI)
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.

## Product Details

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Purity: > 90 %

## Target Details

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Target: RNY

Alternative Name: Ribonuclease Y (rny) ([RNY Products](#))

Background: Recommended name: Ribonuclease Y.  
Short name= RNase Y.  
EC= 3.1.-.-

UniProt: [A5D2N5](#)

## 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.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

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

Storage: -20 °C

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