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Datasheet for ABIN7479041  
**PCSK1 Protein (AA 111-752) (His tag)**

### Overview

Quantity:	100 µg
Target:	PCSK1
Protein Characteristics:	AA 111-752
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PCSK1 protein is labelled with His tag.
Application:	ELISA

### Product Details

Sequence: SVPRDSALNL FNDPMWNQQW YLQDTRMTAS LPKLDLHVIP VWQKGITGKG VVITVLDDGL  
EWNHTDIYAN YDPEASYDFN DNDHDPFPRY DPTNENKHGT RCAGEIAMQA NNHKCGVGVA  
YNSKVGIRM LDGIVTDAIE ASSIGFNPGH VDIYSASWGP NDDGKTVEGP GRLAQKAFEY  
GVKQGRQGKG SIFVWASNGG GRQGDNCDCD GYTDSIYTIS ISSASQQGLS PWYAEKCSST  
LATSYSSEGDY TDQRITSADL HNDCTETHTG TSASAPLAAG IFALALEANP NLTWRDMQHL  
VWWTSEYDPL ANNPGWKKNG AGLMVNSRFG FGLLNAKALV DLADPRTWRN VPEKKECIK  
DNNFEPALK ANGEVIVEIP TRACEGQENA INSLEHVQFE ATIEYSRRGD LHVTLTSAAG  
TSTVLLAERE RDTSPNGFKN WDFMSVHTWG ENPVGTWTLK VTDMSGRMQN EGRIVNWKLI  
LHGTSSQPEH MKQPRVYTSY NTVQNDRRGV EKMVNVEEK PTQNSLNGNL LVPKNSSSSS  
VEDRRDEQVQ GAPSKAMLRL LQSAFSKNTP SKQSSKIPSA KLSVPYEGLY EALEKLNKPS  
QLESEDSLY SDYVDVFYNT KPYKHRDDRL LQALMDILNE KN

Specificity: Rattus norvegicus (Rat)

## Product Details

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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

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Target: PCSK1

Alternative Name: Neuroendocrine convertase 1 (Pcsk1) ([PCSK1 Products](#))

Background: Recommended name: Neuroendocrine convertase 1.  
Short name= N.  
EC 1.  
EC= 3.4.21.93.  
Alternative name(s): Prohormone convertase 1 Proprotein convertase 1.  
Short name= PC1

UniProt: [P28840](#)

Pathways: [Peptide Hormone Metabolism](#)

## 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

## Handling

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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.