

Datasheet for ABIN7585445

PCSK4 Protein (AA 111-678) (His tag)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PCSK4
Protein Characteristics:	AA 111-678
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PCSK4 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SLVPTDPWF SKQWYMNKEI EQDLNILKVW NQGLTGRGVV VSILDDGIEK DHPDLWANYD PLASYDFNDY DPDPQPRYTP NDENRHGTRC AGEVSATANN GFCGAGVAFN ARIGGVRLMD GAITDIVEAQ SLSLQPQHIH IYSASWGPED DGRTVDGPGL LTQEAFFRRGV TKGRQGLGTL FIWASGNGGL HYDNCNCDGY TNSIHTLSVG STTRQGRVPW YSEACASTFT TTFSSGVVTD PQIVTTDLHH QCTDKHTGTS ASAPLAAGMI ALALEANPLL TWRDLQHLVV RASRAQLQA EDWRINGVGR QVSHHYGYGL LDAGLLVDLA RVWLPTKPQK KCTIRVVHTP TPILPRMLVP KNVTVCCDGS RRLIRSLEH VQVQLSLSYS RRGDLEIFLT SPMGTRSTLV AIRPLDISGQ GYNNWIFMST HYWDEDPQGL WTLGLENKGY YYNTGTLYYC TLLLYGTAED MTARPQTPQE SHCPLSIVAE LCLISSKQWW WLYSHTQQPV TKGQDSCHPP TTPARQLDQR LHCLFPAPHA GSASEPLQGL SPLAAILAIS LGPWCCPC
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: PCSK4

Abstract: [PCSK4 Products](#)

Background: Recommended name: Proprotein convertase subtilisin/kexin type 4.
Short name= PC4.
EC= 3.4.21.-.
Alternative name(s): KEX2-like endoprotease 3 Neuroendocrine convertase 3.
Short name= N.
EC 3 Prohormone convertase 3

UniProt: [Q78EH2](#)

Application Details

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 modiflicated 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

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

Handling

one week

Storage: -20 °C

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