Datasheet for ABIN7585444

PCSK2 Protein (AA 109-637) (His tag)

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Overview

Quantity:	100 µg
Target:	PCSK2
Protein Characteristics:	AA 109-637
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PCSK2 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	GY RDINEIDINM NDPLFTKQWY LFNTGQADGT PGLDLNVAEA WELGYTGKGV TIGIMDDGID YLHPDLAYNY NSDASYDFSS NDPYPYPRYT DDWFNSHGTR CAGEVSAAAS NNICGVGVAY NSKVAGIRML DQPFMTDIIE ASSISHMPQL IDIYSASWGP TDNGKTVDGP RELTLQAMAD GVNKGRGGKG SIYVWASGDG GSYDDCNCDG YASSMWTISI NSAINDGRTA LYDESCSSTL ASTFSNGRKR NPEAGVATTD LYGNCTLRHS GTSAAAPEAA GVFALALEAN VDLTWRDMQH LTVLTSKRNQ LHDEVHQWRR NGVGLEFNHL FGYGVLDAGA MVKMAKDWKT VPERFHCVGG SVQNPEKIPP TGKLVLTLQT NACEGKENFV RYLEHVQAVI TVNATRRGDL NINMTSPMGT KSILLSRRPR DDDSKVGFDK WPFMTTHTWG EDARGTWTLE LGFVGSAPQK GLLKEWTLML HGTQSAPYID QVVRDYQSKL AMSKKQELEE ELDEAVERSL QSILRKN
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time.

Product Details

Purity:	> 90 %

Target Details

Target:	PCSK2
Alternative Name:	Neuroendocrine convertase 2 (Pcsk2) (PCSK2 Products)
Background:	Recommended name: Neuroendocrine convertase 2. Short name= N. EC 2. EC= 3.4.21.94. Alternative name(s): KEX2-like endoprotease 2 Prohormone convertase 2 Proprotein convertase 2. Short name= PC2
UniProt:	P28841
Pathways:	Peptide Hormone Metabolism, cAMP Metabolic Process, Maintenance of Protein Location, Negative Regulation of Transporter Activity

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 modificated 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

Handling

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.