Datasheet for ABIN7585446

PCSK9 Protein (AA 152-691) (His tag)

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Overview

Quantity:	100 µg
Target:	PCSK9
Protein Characteristics:	AA 152-691
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PCSK9 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SIPWNLERI IPAWQQTEED SSPDGSSQVE VYLLDTSIQS GHREIEGRVT ITDFNSVPEE DGTRFHRQAS KCDSHGTHLA GVVSGRDAGV AKGTSLHSLR VLNCQGKGTV SGTLIGLEFI RKSQLIQPSG PLVVLLPLAG GYSRILNTAC QRLARTGVVL VAAAGNFRDD ACLYSPASAP EVITVGATNA QDQPVTLGTL GTNFGRCVDL FAPGKDIIGA SSDCSTCYMS QSGTSQAAAH VAGIVAMMLN RDPALTLAEL RQRLILFSTK DVINMAWFPE DQRVLTPNRV ATLPPSTQET GGQLLCRTVW SAHSGPTRTA TATARCAPEE ELLSCSSFSR SGRRRGDRIE AIGGQQVCKA LNAFGGEGVY AVARCCLLPR VNCSIHNTPA ARAGPQTPVH CHQKDHVLTG CSFHWEVENL RAQQQPLLRS RHQPGQCVGH QEASVHASCC HAPGLECKIK EHGIAGPAEQ VTVACEAGWT LTGCNVLPGA SLPLGAYSVD NVCVARIRDA GRADRTSEEA TVAAAICCRS RPSAKASWVH Q
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:	PCSK9
Abstract:	PCSK9 Products
Background:	Recommended name: Proprotein convertase subtilisin/kexin type 9. EC= 3.4.21.-. Alternative name(s): Neural apoptosis-regulated convertase 1. Short name= NARC-1 Proprotein convertase 9. Short name= PC9 Subtilisin/kexin-like protease PC9
UniProt:	P59996

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
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

Handling

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