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Datasheet for ABIN1612789

PCSK7 Protein (AA 141-666) (His tag)

Overview

Quantity:	1 mg
Target:	PCSK7
Protein Characteristics:	AA 141-666
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This PCSK7 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	SIHFNDPKYP QQWHLNNRRS PGRDINVTGV WERNVTGRGV TVVVVDDGVE HTVQDIAPNY SPEGSYDLNS NDPDPMPPHPD EENGNNHHGTR CAGEIAAVPN NSFCAVGVAY GSRIAGIRVL DGPLTDSMEA VAFNKHYQIN DIYSCSWGPD DDGKTVDGPH QLGAALQHG VMAGRQGFSG IFVVASGNGG QHNDNCNYDG YANSIYVTI GAVDEEGRMP FYAEECASML AVTFSGGDKM LRSIVTTDWD LQKGTGCTEG HTGTSAAAPL AAGMIALMLQ VRPCLTWRDV QHIIVFTATQ YEDHRADWLT NEAGFSHSHQ HGFGLLNAWR LVNAAKIWTS VPYLASVYSP MLKENKAVPR SPHSLEVLWN VSRTDLEMSG LKTLFHVAVT VSITHPRRGS LELKLFPCPSG MMSLIGAPRS MDSDPNGFND WTFSTVRCWG ERARGVYRLV IRDVGDEPLQ VGILQQWQLT LYGSTWSPVD IKDRQSLLES AMSGKYLHDD FTLPCPPGLK IPEEDGYSIT PNTLKT
Specificity:	Rattus norvegicus (Rat)
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

Purity: > 90 %

Target Details

Target: PCSK7

Abstract: [PCSK7 Products](#)

Background: Recommended name: Proprotein convertase subtilisin/kexin type 7.
EC= 3.4.21.-.
Alternative name(s): Prohormone convertase 7 Proprotein convertase 7.
Short name= PC7.
Short name= rPC7 Subtilisin/kexin-like protease PC7

UniProt: [Q62849](#)

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 one week

Storage: -20 °C

Handling

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