Datasheet for ABIN1691485

PCSK9 Protein (AA 31-692, C-Term) (His tag)

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Overview

Quantity:	50 µg
Target:	PCSK9
Protein Characteristics:	C-Term, AA 31-692
Origin:	Macaca nemestrina
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PCSK9 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Macaca nemestrina PCSK9(C-6His)
Sequence:	QEDEDGDYEE LVLALRSEED GLADAPEHGA TATFHRCAKD PWRLPGTYVV VLKEETHRSQ SERTARRLQA QAARRGYLTK ILHVFHHLLP GFLVKMSGDL LELALKLPHV DYIEEDSSVF AQSIPWNLER ITPARYRADE YQPPKGGSLV EVYLLDTSIQ SDHREIEGRV MVTDFESVPE EDGTRFHRQA SKCDSHGTHL AGVVSGRDAG VAKGAGLRSL RVLNCQGKGT VSGTLIGLEF IRKSQLVQPV GPLVVLLPLA GGYSRVFNAA CQRLARAGVV LVTAAGNFRD DACLYSPASA PEVITVGATN AQDQPVTLGT LGTNFGRCVD LFAPGEDIIG ASSDCSTCFV SRSGTSQAAA HVAGIAAMML SAEPELTLAE LRQRLIHFSA KDVINEAWFP EDQRVLTPNL VAALPPSTHR AGWQLFCRTV WSAHSGPTRM ATAVARCAQD EELLSCSSFS RSGKRRGERI EAQGGKRVCR AHNAFGGEGV YAIARCCLLP QVNCSVHTAP PAGASMGTRV HCHQQGHVLT GCSSHWEVED LGTHKPPVLR PRGQPNQCVG HREASIHASC CHAPGLECKV KEHGIPAPQE QVIVACEDGW TLTGCSALPG TSHVLGAYAV DNTCVVRSRD VSTTGSTSEE AVAAVAICCR SRHLVQASQE LQHHHHHH

Product Details

Characteristics:	Tag: C-polyHis
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 μm filtered
Endotoxin Level:	Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test

Target Details

Target:	PCSK9
Alternative Name:	Proprotein Convertase Subtilisin/Kexin Type 9/PCSK9 (PCSK9 Products)
Background:	Recombinant Rhesus Proprotein Convertase Subtilisin/Kexin Type 9/PCSK9 is produced by our mammalian expression system in human cells. The target protein is expressed with sequence (Q31-Q692) of Rhesus PCSK9 fused with a polyhistidine tag at the C-terminus. Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9) is a secretory subtilase belonging to the proteinase K subfamily. PCSK9 is synthesized as a soluble zymogen that undergoes autocatalytic intramolecular processing in the ER , the pro domain and mature chain secrete together through noncovalent interactions. PCSK9 binds with low-density lipoprotein receptor (LDLR) and plays a major regulatory role in cholesterol homeostasis. PCSK9 also plays a role in the neural development.
Molecular Weight:	14&59 kDa
UniProt:	A8T662

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Supplied as a 0.2 μm filtered solution of 50 mM HEPES,150 mM NaCl,20 % Glycerol, pH 7.4.
Storage:	-80 °C
Storage Comment:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Expiry Date:	6 months