

Datasheet for ABIN1691481

PCSK9 Protein (AA 35-692) (His tag)



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Overview

Quantity:	50 µg
Target:	PCSK9
Protein Characteristics:	AA 35-692
Origin:	Mouse
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PCSK9 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Mouse Proprotein Convertase Subtilisin/Kexin Type 9/PCSK9 (C-6His)
Sequence:	QDEDGDYEEL MLALPSQEDG LADEAAHVAT ATFRRCSKEA WRLPGTYIVV LMEETQRLQI EQTAHRLQTR AARRGYVIKV LHIFYDLFPG FLVKMSSDLL GLALKLPHE YIEEDSFVFA QSIPWNLERI IPAWHQTEED RSPDGSSQVE VYLLDTSIQG AHREIEGRVT ITDFNSVPEE DGTRFHRQAS KCDSHGTHLA GVVSGRDAGV AKGTSLSHLR VLNCQGKGT VSGTLIGLEFI RKSQLIQPSG PLVVLLPLAG GYSRILNAAC RHLARTGVVL VAAAGNFRDD ACLYSPASAP EVITVGATNA QDQPVTLGTL GTNFGRCVDL FAPGKDIIGA SSDCSTCFMS QSGTSQAAAH VAGIVARMLS REPTLTLAEL RQRLHFSTK DVINMAWFPE DQQVLT PNLV ATLPPSTHET GGQLLCRTVW SAHSGPTRTA TATARCAPEE ELLSCSSF SRRRRGDWIE AIGGQQVCKA LNAFGGEGVY AVARCCLVPR ANCSIHNTPA ARAGLETHVH CHQKDHVLTG CSFHWEVEDL SVRRQPALRS RRQPGQCVGH QAASVYASCC HAPGLECKIK EHGSGPSEQ VTVACEAGWT LTGCNVLPGA SLTLGAYSVD NLCVARVHDT ARADRTSGEA TVAAAICCRS RPSAKASWVQ HHHHHH

Product Details

Characteristics:	Recombinant Mouse Proprotein Convertase Subtilisin/Kexin Type 9/PCSK9 (C-6His)
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:	narc-1-protein (PCSK9 Products)
Background:	Recombinant Mouse 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 Mouse 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 neural development.
Molecular Weight:	74.8 kDa
UniProt:	Q80W65

Application Details

Restrictions:	For Research Use only
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Handling

Format:	Liquid
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Supplied as a 0.2 µm filtered solution of 50 mM HEPES, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	-80 °C

Handling

Storage Comment:	Store at < -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
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Expiry Date:	6 months
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