

Datasheet for ABIN7318940

PCSK9 Protein (His tag,HA tag,AVI tag)



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Overview

Quantity:	100 µg
Target:	PCSK9
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PCSK9 protein is labelled with His tag,HA tag,AVI tag.

Product Details

Purpose:	Recombinant Human PCSK9 Protein (His Tag/HA/AVI)
Sequence:	Gln31-Gln152&Ser153-Gln692
Characteristics:	Recombinant Human Proprotein Convertase Subtilisin/Kexin Type 9 is produced by our Mammalian expression system and the target gene encoding Gln31-Gln152&Ser153-Gln692 is expressed with a 6His/HA/AVI tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	PCSK9
Alternative Name:	PCSK9 (PCSK9 Products)
Background:	Background: Human Proprotein Convertase Subtilisin/Kexin Type 9 (PCSK9) is a secretory subtilase belonging to the proteinase K subfamily. PCSK9 is synthesized as a soluble zymogen

Target Details

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. Inhibition of PCSK9 function by preventing PCSK9/LDLR interaction is currently being explored as a means of lowering cholesterol levels. PCSK9 also binds to apolipoprotein receptor 2 (ApoER2), and play a role in the neural development.

Synonym: Proprotein Convertase Subtilisin/Kexin Type 9, Neural Apoptosis-Regulated Convertase 1, NARC-1, Proprotein Convertase 9, PC9, Subtilisin/Kexin-Like Protease PC9, PCSK9, NARC1

Molecular Weight: 14&59

UniProt: [Q8NBP7](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Frozen, Liquid

Buffer: Supplied as a 0.2 µm filtered solution of 50 mM HEPES,150 mM NaCl,20 % Glycerol, pH 7.4.

Storage: -20 °C

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