

## Recombinant Human PCSK9 Protein, Avi-tagged

Cat. No. PCSK9-205H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human Proprotein Convertase 9 is produced by our Mammalian expression system and the target gene encoding Gln31-Gln692 is expressed with a AVI tag at the C-terminus.
<b>Species</b>	Human
<b>Source</b>	Human Cells
<b>ProteinLength</b>	31-692 a.a.
<b>Description</b>	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 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.
<b>Form</b>	Supplied as a 0.2 um filtered solution of 50mM HEPES, 150mM NaCl, pH 7.4.
<b>AA Sequence</b>	Gln31-Gln692(Val474Ile,Gly670Glu)
<b>Endotoxin</b>	Less than 0.1 ng/ug (1 EU/ug).

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**Shipping**

Ambient

**GENE INFORMATION****Gene Name**

PCSK9 proprotein convertase subtilisin/kexin type 9 [ Homo sapiens (human) ]

**Official Symbol**

PCSK9

**Synonyms**

Proprotein Convertase Subtilisin/Kexin Type 9; Neural Apoptosis-Regulated Convertase 1; NARC-1; Proprotein Convertase 9; PC9; Subtilisin/Kexin-Like Protease PC9; NARC1; FH3; PC9; FHCL3; LDLCQ1; HCHOLA3

**Gene ID**

255738

**mRNA Refseq**

NM\_001407240.1

**Protein Refseq**

NP\_001394169.1

**MIM**

607786

**UniProt ID**

Q8NBP7

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