

# Recombinant Human PCSK9 Protein, C-AVI tagged, Biotinylated

**Cat. No.** PCSK9-33H    **Lot. No.** (See product label)

## SPECIFICATION

**Product Overview**      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.

**Species**      Human

**Source**      Human Cells

**ProteinLength**      Gln31-Gln692(Val474Ile, Gly670Glu)

**Description**      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.

**Endotoxin**      Less than 0.1 ng/μg (1 EU/μg)

**Storage Buffer**      Supplied as a 0.2 μm filtered solution of 50 mM HEPES, 150 mM NaCl, pH 7.4.

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<b>Shipping</b>	Dry ice/Polar packs
<b>Conjugation</b>	Biotin
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	PCSK9 proprotein convertase subtilisin/kexin type 9 [ Homo sapiens (human) ]
<b>Official Symbol</b>	PCSK9
<b>Synonyms</b>	Proprotein Convertase Subtilisin/Kexin Type 9; Neural Apoptosis-Regulated Convertase 1; NARC-1; Proprotein Convertase 9; PC9; Subtilisin/Kexin-Like Protease PC9; PCSK9; NARC1
<b>Gene ID</b>	<a href="#">255738</a>
<b>mRNA Refseq</b>	<a href="#">NM_174936</a>
<b>Protein Refseq</b>	<a href="#">NP_777596</a>
<b>MIM</b>	<a href="#">607786</a>
<b>UniProt ID</b>	<a href="#">Q8NBP7</a>

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