

## Recombinant Human PCSK9 Protein, His\HA\Avi-tagged

Cat. No. PCSK9-206H Lot. No. (See product label)

### SPECIFICATION

**Product Overview** Biotinylated Recombinant Human Proprotein Convertase Subtilisin/Kexin Type 9 is produced by our Mammalian expression system and the target gene encoding Gln31-Gln692(Val474Ile,Gly670Glu) is expressed with a 8His, HA, Avi tag at the C-terminus.

**Species** Human

**Source** Human Cells

**ProteinLength** 31-692 a.a.

**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.

**Form** Supplied as a 0.2 um filtered solution of 50mM HEPES, 150mM NaCl, 20% Glycerol, pH 7.4.

**Molecular Mass** Predicted Molecular Weight: 14&62kDa  
Apparent Molecular Weight: 18&58-70&90-150kDa, reducing conditions.

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<b>AA Sequence</b>	Gln31-Gln692(Val474Ile,Gly670Glu)
<b>Endotoxin</b>	Less than 0.1 ng/ug (1 EU/ug).
<b>Purity</b>	>95%
<b>Storage</b>	Store at < -20 centigrade, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
<b>Quality Statement</b>	Purity: greater than 95% as determined by reducing SDS-PAGE.
<b>Shipping</b>	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.

## GENE INFORMATION

<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; NARC1; FH3; PC9; FHCL3; LDLCQ1; HCHOLA3
<b>Gene ID</b>	255738
<b>mRNA Refseq</b>	NM_001407240.1
<b>Protein Refseq</b>	NP_001394169.1
<b>MIM</b>	607786

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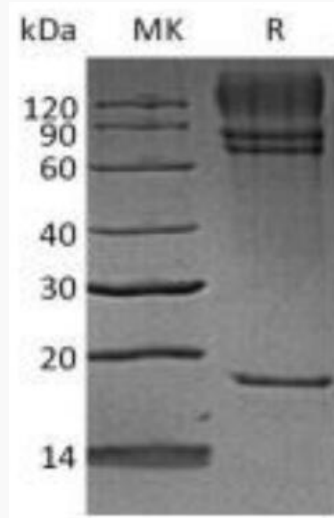
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UniProt ID

Q8NBP7

SDS-PAGE



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