

Recombinant Human PCSK9 Protein, Avi-tagged

Cat. No. PCSK9-205H **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	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, pH 7.4.
AA Sequence	Gln31-Gln692(Val474Ile,Gly670Glu)
Endotoxin	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 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA