



## PCSK9/Proprotein Convertase 9

E21-A83

**Catalog Number:**E21-A83

**Amount:**10ug

**Altername:**Proprotein Convertase Subtilisin/Kexin Type 9; Neural Apoptosis-Regulated Convertase 1; NARC-1; Proprotein Convertase 9; PC9; Subtilisin/Kexin-Like Protease PC9; PCSK9; NARC1

**Storage/Stability:**Store at < -20°C, stable for 6 months after receipt.Please minimize freeze-thaw cycles.

**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 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.

**Species:**Human

**Endotoxin:**Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

**Purity:**Greater than 95% as determined by reducing SDS-PAGE.

**Description:**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 tag at the C-terminus.

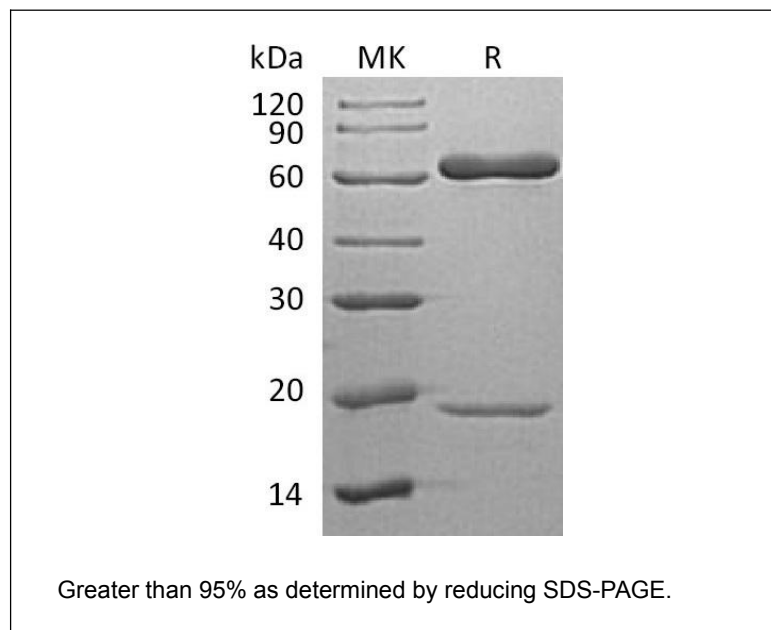
**Product State:**Liquid

**Ship Description:**The product is shipped on dry ice/ice packs.

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

**Expression system:**Human cells

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