



PCSK9/Proprotein Convertase 9 (biotinylated)

E21-A84

Catalog Number:E21-A84

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 AVI tag at the C-terminus.

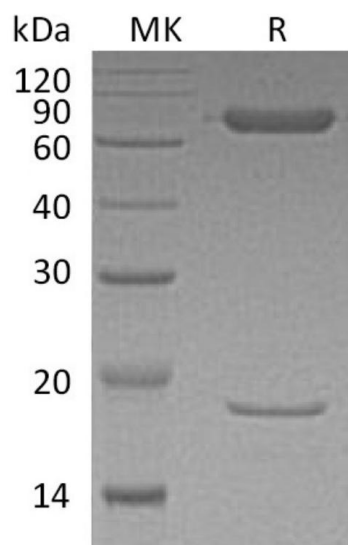
Product State:Liquid

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

For Research Use Only



Greater than 95% as determined by reducing SDS-PAGE. (QC verified)

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