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Pcsk9
Recombinant Mouse Proprotein Convertase 9 / NARC-1 (Fc Tag)

Catalog No.	CRM576A-Fc CRM576B-Fc	**Quantity:**	10 µg 20 µg

Alternate Names: Proprotein convertase subtilisin/kexin type 9, Neural apoptosis-regulated convertase 1, NARC-1, Proprotein convertase 9, PC9, Subtilisin/kexin-like protease PC9

Description: Proprotein convertase 9 (PC9) is a newly identified secretory subtilase belonging to the proteinase K subfamily of the secretory subtilase family. PC9 is an enzyme which in humans is encoded by the PCSK9 gene with orthologs found across many species. It is expressed in neuroepithelioma, colon carcinoma, hepatic and pancreatic cell lines, and in Schwann cells. PC9 protein is highly expressed in the liver and regulates low density lipoprotein receptor (LDLR) protein levels. Inhibition of PC9 protein function is currently being explored as a means of lowering cholesterol levels.

UniProt ID: Q80W65

Accession Number: NP_705793.1

Protein Construction: A DNA sequence encoding the mouse PCSK9 (Met1-Gln694) was expressed with the Fc region of mouse IgG1 at the C-terminus.

Source: HEK293 Cells

Formulation: Lyophilized from sterile PBS, pH 7.4.
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.

Molecular Weight: The recombinant mouse PC9 consists of 894 amino acids with a predicted molecular mass of 97.6 kDa.

Purity: > 95 % as determined by SDS-PAGE.

Endotoxin Level: < 1.0 EU per µg of the protein as determined by the LAL method

Biological Activity: Testing in progress

Predicted N-terminal: Gln 35

Reconstitution: **Centrifuge vial prior to opening.** Add sterile distilled water to a concentration of 0.1 mg/mL and gently pipette the solution up and down the sides of the vial.
DO NOT VORTEX. Allow several minutes for complete reconstitution.

Storage & Stability: Stable for up to 1 year from date of receipt at -20°C to -80°C
After reconstitution, store working aliquots at -20°C to -80°C.
Avoid repeated freeze-thaw cycles.

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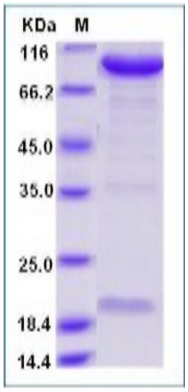
SDS-PAGE



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