

## Recombinant Mouse PCSK9/NARC1 Protein (His Tag)

Catalog Number: PKSM041128

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

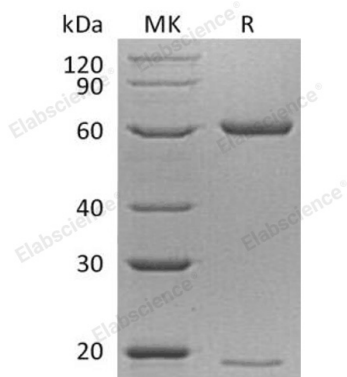
### Description

<b>Species</b>	Mouse
<b>Source</b>	HEK293 Cells-derived Mouse PCSK9/NARC1 protein Gln35-Gln155&Ser156-Gln694, with an C-terminal His
<b>Calculated MW</b>	14&58.2 kDa
<b>Observed MW</b>	19&60 kDa
<b>Accession</b>	Q80W65
<b>Bio-activity</b>	Not validated for activity

### Properties

<b>Purity</b>	> 95 % as determined by reducing SDS-PAGE.
<b>Concentration</b>	Subject to label value.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method.
<b>Storage</b>	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
<b>Shipping</b>	This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of 50mM HEPES, 150mM NaCl, 20% Glycerol, pH 7.4.

### Data



> 95 % as determined by reducing SDS-PAGE.

### Background

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. PCSK9 also plays a role in neural development.