

Recombinant Mouse PCSK9/NARC1 Protein (His Tag)

Catalog Number: PKSM041128

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

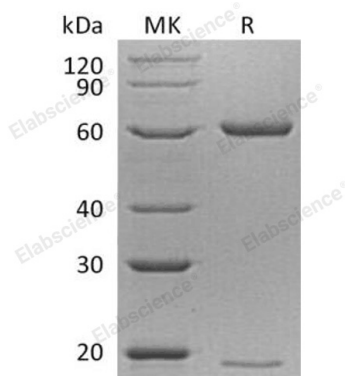
Description

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

Properties

| | |
|----------------------|--|
| Purity | > 95 % as determined by reducing SDS-PAGE. |
| Concentration | Subject to label value. |
| Endotoxin | < 1.0 EU per µg of the protein as determined by the LAL method. |
| Storage | Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles. |
| Shipping | 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. |
| Formulation | 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.

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