



Recombinant Protein Technical Manual
Recombinant Mouse PCSK9/NARC1 Protein (His Tag)
RPES2648

Product Data:

Product SKU: RPES2648

Size: 10µg

Species: Mouse

Expression host: Human Cells

Uniprot: Q80W65

Protein Information:

Molecular Mass: 14&57.4 kDa

AP Molecular Mass: 19&60 kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by SDS-PAGE

Endotoxin: < 1.0 EU per µg 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.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Proprotein Convertase Subtilisin/Kexin Type 9; Neural Apoptosis-Regulated Convertase 1; NARC; Proprotein Convertase 9; PC9; Subtilisin/Kexin-Like Protease PC9; Pcsk9; Narc1;FH3;HCHOLA3;Narc1

Immunogen Information:

Sequence: Gln35-Gln155&Ser156-Gln692

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.