Recombinant Macaca nemestrina PCSK9/Proprotein Convertase 9 Protein (His Tag)

Catalog Number: PKSQ050064

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

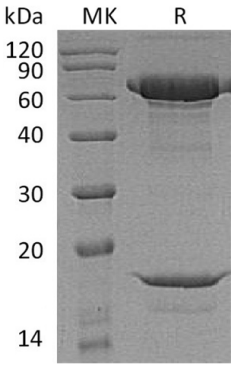
Description

Species	Macaca nemestrina
Source	HEK293 Cells-derived Macaca nemestrina PCSK9/Proprotein Convertase 9 protein Gln31-Gln152&Ser153-Gln692, with an C-terminal His
Calculated MW	14&59 kDa
Observed MW	16-21&55-77 kDa
Accession	A8T662
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 20mM PB, 150mM NaCl, 0.1M Arg, 0.1M Glu, 20% glycerol, 0.01% tween20, 5% Trehalose, pH 6.0.

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 the neural development.