Product Name: Recombinant Macaca nemestrina PCSK9 (C-6His)
Catalog #: PHV1855

Summary

Name	PCSK9/Proprotein Convertase 9
Purity	Greater than 95% as determined by reducing SDS-PAGE
Endotoxin level	<1 EU/μg as determined by LAL test.
Construction	Recombinant Macaca Nemestrina Proprotein Convertase Subtilisin/Kexin Type 9/PCSK9 is produced by our Mammalian expression system and the target gene encoding Gln31-Gln152&Ser153-Gln692 is expressed with a 6His tag at the C-terminus.
Accession #	A8T662
Host	Human Cells
Species	Macaca nemestrina
Predicted Molecular Mass	1459 KDa
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.
Shipping	The product is shipped on dry ice/polar packs. Upon receipt, store it immediately at the temperature listed below.
Stability&Storage	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
Reconstitution	

SDS-PAGE image

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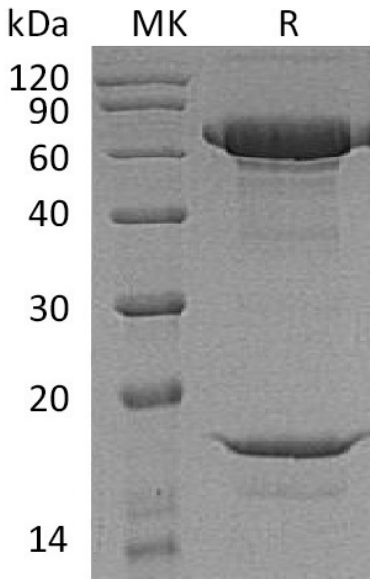

Alternative Names

Proprotein Convertase Subtilisin/Kexin Type 9; Proprotein Convertase 9; PC9; Subtilisin/Kexin-Like Protease PC9; PCSK9

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.

Note

For Research Use Only , Not for Diagnostic Use.