

Datasheet for ABIN2870794

PCSK9 Protein (AA 31-692) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	50 µg
Target:	PCSK9
Protein Characteristics:	AA 31-692
Origin:	Rhesus Monkey
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This PCSK9 protein is labelled with His tag.

Product Details

Sequence:	AA 31-692
Characteristics:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 73.2 kDa. The protein migrates as 18 kDa and 62 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	PCSK9
Alternative Name:	PCSK9 (PCSK9 Products)

Target Details

Background:	Proprotein convertase subtilisin/kexin type 9 (PCSK9), is an enzyme which in humans is encoded by the PCSK9 gene. This gene encodes a proprotein convertase belonging to the proteinase K subfamily of the secretory subtilase family. This protein plays a major regulatory role in cholesterol homeostasis. PCSK9 binds to the epidermal growth factor-like repeat A (EGF-A) domain of the low-density lipoprotein receptor (LDLR), inducing LDLR degradation. PCSK9 may also have a role in the differentiation of cortical neurons. Mutations in this gene have been associated with a rare form of autosomal dominant familial hypercholesterolemia (HCHOLA3).
Molecular Weight:	13.9 kDa and 59.4 kDa
UniProt:	A8T666

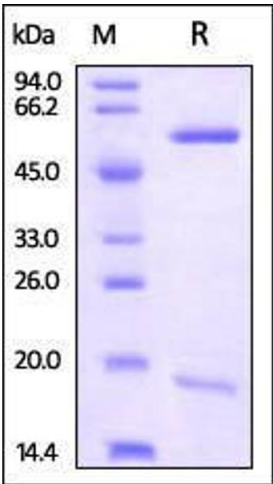
Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C

Images



SDS-PAGE

Image 1. Rhesus macaque PCSK9, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95%.