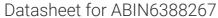
# antibodies .- online.com





# PCSK9 Protein (AA 31-692) (Fc Tag)

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**Images** 



Go to Product page

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

#### **Product Details**

1 Todact Details		
Sequence:	AA 31-692	
Purity:	>90 % 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)	
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-

# **Target Details**

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: 13.8 kDa and 83.7 kDa

NCBI Accession: NP\_777596

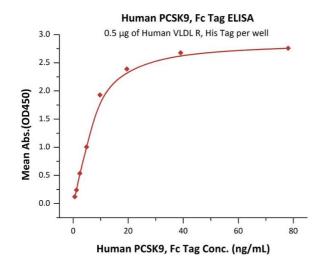
# **Application Details**

Restrictions: For Research Use only

# Handling

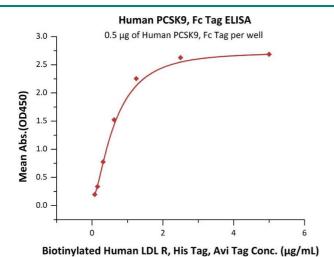
Format:	Lyophilized	
Buffer:	PBS, pH 7.4	
Handling Advice:	Please avoid repeated freeze-thaw cycles.	
Storage:	-20 °C	

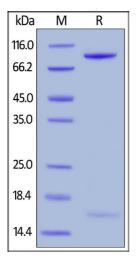
### **Images**



#### **ELISA**

**Image 1.** Immobilized Human VLDL R, His Tag (ABIN2181922,ABIN2181921) at  $5 \mu g/mL$  (100  $\mu L/well$ ) can bind Human PCSK9, Fc Tag (ABIN6386430,ABIN6388267) with a linear range of 1-10 ng/mL (QC tested).





#### **ELISA**

**Image 2.** Immobilized Human PCSK9, Fc Tag (ABIN6386430,ABIN6388267) at  $5 \mu g/mL$  (100  $\mu L/well$ ) can bind Biotinylated Human LDL R, His Tag, Avi Tag (ABIN5954921,ABIN6253570) with a linear range of 0.04-0.625  $\mu g/mL$  (Routinely tested).

#### **SDS-PAGE**

**Image 3.** Human PCSK9, Fc Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90%.