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Datasheet for ABIN7197529
PCSK9 Protein (His tag)

1 Image

Overview

Quantity:	10 µg
Target:	PCSK9
Origin:	Rat
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This PCSK9 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Rat PCSK9 Protein (His Tag)(Active)
Sequence:	Met 1-Gln 691
Characteristics:	A DNA sequence encoding the rat PCSK9 (NP_954862.2) (Met 1-Gln 691) was expressed, fused with a polyhistidine tag at the C-terminus.
Purity:	> 97 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg of the protein as determined by the LAL method
Biological Activity Comment:	1. Measured by its ability to bind biotinylated human LDLR in a functional ELISA.2. Measured by its ability to bind biotinylated mouse LDLR in a functional ELISA.

Target Details

Target:	PCSK9
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Target Details

Alternative Name: PCSK9 ([PCSK9 Products](#))

Background: Background: Proprotein convertase subtilisin/kexin type 9 (PCSK9), also known as NARC1 (neural apoptosis regulated convertase), which is a newly identified human secretory subtilase belonging to the proteinase K subfamily of the secretory subtilase family. PCSK9 protein is an enzyme which in humans is encoded by the PCSK9 gene with orthologs found across many species. It is expressed in neuroepithelioma, colon carcinoma, hepatic and pancreatic cell lines, and in Schwann cells. PCSK9 protein is highly expressed in the liver and regulates low density lipoprotein receptor (LDLR) protein levels. Inhibition of PCSK9 protein function is currently being explored as a means of lowering cholesterol levels. Thereby, PCSK9 protein is regarded as a new strategy to treat hypercholesterolemia. PCSK9 protein contributes to cholesterol homeostasis and may have a role in the differentiation of cortical neurons. References
Synonym: NARC-1,Narc1,PC9,Pcsk9

Molecular Weight: 72.8 kDa

NCBI Accession: [NP_954862](#)

Application Details

Restrictions: For Research Use only

Handling

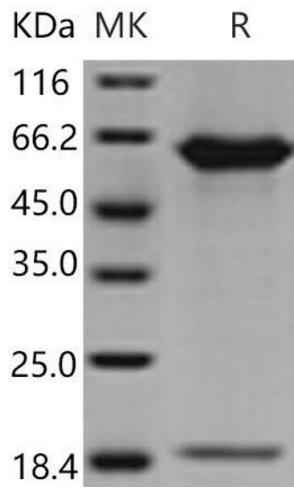
Format: Lyophilized

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

Buffer: Lyophilized from sterile PBS, pH 7.4

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.