

Product Information

MemDX™ Antibody Discovery - Human PCSK9 (31-692) Membrane Protein, Partial, -mIgG2a

Fc tag

Cat. No.: **MP0758F**

This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human PCSK9 (31-692). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

PCSK9

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 98.0 kDa.

Sequence

AA Gln 31 - Gln 692 (Accession # Q8NBP7-1).

Product Description

Application

SDS-PAGE

Expression Systems

HEK293

Tag

Mouse IgG2a Fc tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Buffer

Please contact us for detailed information.

Contact us for customized product form or formulation.

Storage

The product **MUST** be stored at -70°C or lower upon receipt; -70°C for 3 months under sterile conditions

Target

Target Protein

PCSK9

Full Name

proprotein convertase subtilisin/kexin type 9

Introduction

This gene encodes a member of the subtilisin-like proprotein convertase family, which includes proteases that process protein and peptide precursors trafficking through regulated or constitutive branches of the secretory pathway. The encoded protein undergoes an autocatalytic processing event with its prosegment in the ER and is constitutively secreted as an inactive protease into the extracellular matrix and trans-Golgi network. It is expressed in liver, intestine and kidney tissues and escorts specific receptors for lysosomal degradation. It plays a role in cholesterol and fatty acid metabolism. Mutations in this gene have been associated with autosomal dominant familial hypercholesterolemia. Alternative splicing results in multiple transcript variants.

Alternative Names

FH3; PC9; FHCL3; NARC1; LDLCQ1; NARC-1; HCHOLA3; proprotein convertase subtilisin/kexin type 9; convertase subtilisin/kexin type 9 preproprotein; neural apoptosis regulated convertase 1; subtilisin/kexin-like protease PC9

Gene ID

[255738](#)

UniProt ID

[Q8NBP7](#)