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Datasheet for ABIN7092725

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

1 Image

Overview

Quantity:	100 µg
Target:	PCSK9
Protein Characteristics:	AA 31-692
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PCSK9 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human PCSK9 Protein with C-terminal human Fc tag
Specificity:	PCSK9 (Ser31-Gln692) hFc (Glu99-Ala330)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	PCSK9
Alternative Name:	PCSK9 (PCSK9 Products)
Background:	This gene encodes a member of the subtilisin-like proprotein convertase family, which includes

Target Details

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.

Molecular Weight: predicted molecular mass of 97.2 kDa after removal of the signal peptide. The apparent molecular mass of PCSK9-hFc is 100-130 kDa due to glycosylation.

UniProt: [Q8NBP7](#)

Application Details

Restrictions: For Research Use only

Handling

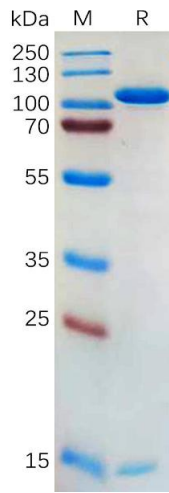
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human P Protein, hFc Tag on SDS-PAGE under reducing condition.