

Active Recombinant Human PCSK9 protein, His-tagged

Cat. No. PCSK9-184H Lot. No. (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human PCSK9 protein(Q8NBP7-1)(Gln31-Gln692) is expressed from HEK293 with His tag at the C-Terminus.
Species	Human
Source	HEK293
ProteinLength	31-692 aa
Form	Supplied as 0.22µm filtered solution in 20mM PB, 300mM NaCl, 10% Glycerol (pH 7.4).
Bio-activity	Immobilized Human PCSK9, His Tag at 2µg/ml (100µl/Well) on the plate. Dose response curve for Anti-PCSK9 antibody, hFc Tag with the EC50 of 0.13µg/ml determined by ELISA.
Molecular Mass	Due to autocatalytic cleavage, the protein release the pro-form (59 kDa) and mature form (14 kDa). Due to glycosylation, the protein migrates to 65-68 kDa (pro-form) and 15kDa (mature form) based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after

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reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name PCSK9 proprotein convertase subtilisin/kexin type 9 [Homo sapiens]

Official Symbol PCSK9

Synonyms PCSK9; proprotein convertase subtilisin/kexin type 9; HCHOLA3, hypercholesterolemia, autosomal dominant 3; FH3; NARC 1; NARC1; NARC-1; HCHOLA3;

Gene ID 353175

MIM 607786

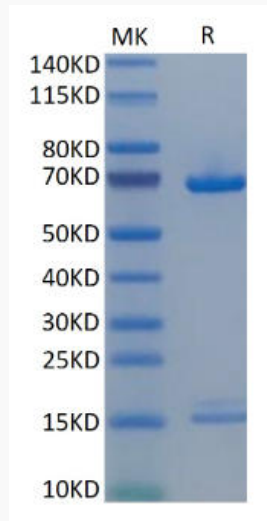
UniProt ID Q8NBP7

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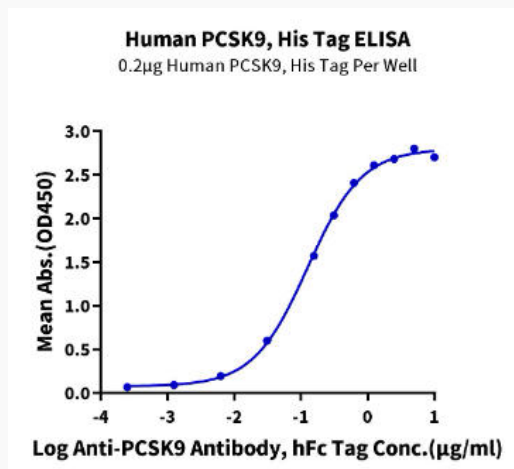
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Bis-Tris PAGE



ELISA Data



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