

Active Recombinant Hamster PCSK9 protein, His-tagged

Cat. No. PCSK9-313H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Hamster PCSK9 protein(Gln 30 - Ser 691), fused with His tag, was expressed in HEK293.
Species	Hamster
Source	HEK293
ProteinLength	Gln 30 - Ser 691
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4, 10% trehalose.
Bio-activity	Immobilized Human LDL R, Fc Tag at 5 µg/mL (100 µL/well) can bind Hamster PCSK9, His Tag with a linear range of 0.078-0.313 µg/mL.
Molecular Mass	This protein carries a polyhistidine tag at the C-terminus. This protein undergoes autocatalytic cleavage to release the pro-peptide and mature chain. The pro-peptide and mature chain are associated through non-covalent interactions and with a calculated MW of 13.9 kDa and 59.0 kDa respectively. The protein migrates as 18 kDa and 65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>95% as determined by SDS-PAGE.
Storage	For long term, the product should be stored at lyophilized state at -20°C or

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lower. Please avoid repeated freeze-thaw cycles. This product is stable after at: -20°C to -70°C for 12 months in lyophilized state; -70°C for 3 months under sterile conditions after reconstitution.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Pcsk9 proprotein convertase subtilisin/kexin type 9 [*Cricetulus griseus*]

Official Symbol PCSK9

Synonyms PCSK9; proprotein convertase subtilisin/kexin type 9;

Gene ID 100769049

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