

Active Recombinant Rat Pcsk9 protein, His-tagged

Cat. No. Pcsk9-915R **Lot. No.** (See product label)

SPECIFICATION

| | |
|-------------------------|---|
| Product Overview | Recombinant Rat Pcsk9 protein(Gln 31 - Gln 691), fused with His tag, was expressed in HEK293. |
| Species | Rat |
| Source | HEK293 |
| ProteinLength | Gln 31 - Gln 691 |
| Form | Lyophilized from 0.22 µm filtered solution in 50 mM Tris, 150 mM NaCl, pH7.5, 10% trehalose. |
| Bio-activity | Immobilized Human LDL R, Fc Tag at 5 µg/mL (100 µL/well) can bind Rat PCSK9, His Tag with a linear range of 0.156-0.625 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 59.3 kDa respectively. The protein migrates as 16 kDa and 60-66 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 reduced SDS-PAGE. |

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Storage For long term, the product should be stored at lyophilized state at -20°C or 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 [Rattus norvegicus]


Official Symbol Pcsk9

Synonyms PCSK9; proprotein convertase subtilisin/kexin type 9; proprotein convertase 9; proprotein convertase PC9; subtilisin/kexin-like protease PC9; neural apoptosis regulated convertase 1; neural apoptosis-regulated convertase 1; PC9; Narc1; NARC-1;

Gene ID 298296

mRNA Refseq NM_199253

Protein Refseq NP_954862

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