

Active Recombinant Rabbit LDLR protein, Fc-tagged

Cat. No. LDLR-0328R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rabbit LDLR protein(Ala9-Gly765), fused with Fc tag, was expressed in HEK293.
Species	Rabbit
Source	HEK293
ProteinLength	9-765 a.a.
Form	Lyophilized from 0.22 µm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5 with trehalose as protectant.
Bio-activity	Immobilized Human PCSK9 Propeptide & Rabbit Mature PCSK9 (154-686), His Tag at 2 µg/mL (100 µL/well) can bind Rabbit LDL R, Fc Tag with a linear range of 2-78 ng/mL.
Molecular Mass	This protein carries a human IgG1 Fc tag at the C-terminusThe protein has a calculated MW of 109.2 kDa. The protein migrates as 120-140 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ala9-Gly765
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Purity	>90% as determined by 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	LDLR low density lipoprotein receptor [<i>Oryctolagus cuniculus</i>]
Official Symbol	LDLR
Synonyms	LDLR; low density lipoprotein receptor;
Gene ID	100009086

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