

Active Recombinant Human LDLR protein, Fc-tagged

Cat. No. LDLR-335H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human LDLR protein(P01130) is produced by our Mammalian expression system and the target gene encoding Ala22-Arg788 is expressed with a human IgG1 Fc tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	22-788 aa
Form	Supplied as a 0.2 µm filtered solution of PBS, pH7.4.
Bio-activity	Immobilized Recombinant Human LDL R (C-Fc) at 5µg/ml (100 µl/well) can bind Recombinant Human PCSK9 (D374Y,C-6His). The ED50 of Recombinant Human PCSK9 (D374Y,C-6His) is 39.17 ng/ml.
Molecular Mass	111.7 KDa
Endotoxin	< 1 EU/g as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Valid for 12 months from date of receipt when stored at -80°C. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

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Concentration 0.1-1.0 mg/mL. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name LDLR low density lipoprotein receptor [Homo sapiens]

Official Symbol LDLR

Synonyms LDLR; low density lipoprotein receptor; low-density lipoprotein receptor; familial hypercholesterolemia; LDL receptor; low-density lipoprotein receptor class A domain-containing protein 3; FH; FHC; LDLCQ2;

Gene ID 3949

mRNA Refseq NM_000527

Protein Refseq NP_000518

MIM 606945

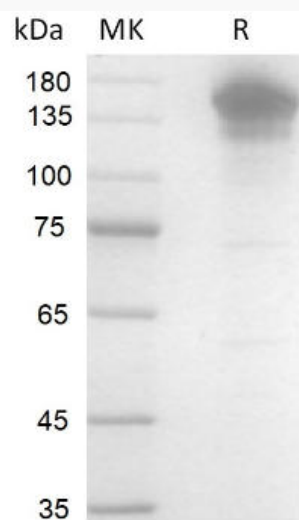
UniProt ID P01130

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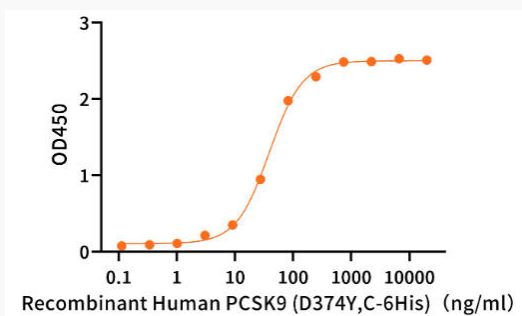
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SDS-PAGE



ELISA Data



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