

Active Recombinant Human LDLR protein

Cat. No. LDLR-1294H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LDLR protein(Ala 22 - Arg 788) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	22-788 a.a.
Form	Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.
Bio-activity	Immobilized Human LDL R, Tag Free at 5 µg/mL (100 µL/well) can bind Human PCSK9 Protein, Avi & His Tag with a linear range of 0.001-0.156 µg/mL.
Molecular Mass	This protein carries no "tag" The protein has a calculated MW of 24.6 kDa. The protein migrates as 80-90 kDa and 110-120 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Proteinlength	Ala22-Arg788
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 lower. Please avoid repeated freeze-thaw cycles. This product is stable after at:

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-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 \[Homo sapiens \]](#)

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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