

Active Recombinant Human LDLR protein, His-tagged

Cat. No. LDLR-798H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human LDLR protein(NP_000518.1)(Ala22-Arg788) was expressed in HEK293 with a C-terminal polyhistidine tag.
Species	Human
Source	HEK293
ProteinLength	22-788 aa
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Human LDLR at 5µg/mL (100 µL/well) can bind Human PCSK9 with a linear range of 0.5-294.7ng/mL.
Molecular Mass	85.62 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	≥ 90 % as determined by SDS-PAGE.
Storage	Store at -20°C. Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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Reconstitution

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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](#)

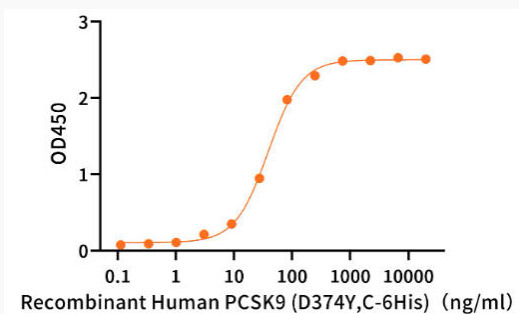
UniProt ID [P01130](#)

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Activity



SDS-PAGE

