

Recombinant Human LDLR protein, GST-tagged

Cat. No. LDLR-3666H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LDLR protein(1-350 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-350 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MGPWGWKLRWTVALLLAAAGTAVGDR CERNEFQCQDGK CISYK WVCDGSAECQD GSDSQETCLSVTCKSGDFSCGGRVNR CIPQFWRC DGQVDCDNGSDEQGCPPKT CSQDEF RCHD GK CISRQFVCDSDRDCLDGSDEASCPVLT CGPASFCNSSTCIPQL WACDNDPDCEDGSDEWPQR CRGLYVFQGDSSPCSAFEFHCLSGECIHSSWRCDG GPDCKDKSDEENCAVATCRPDEFQCS DGNCIHGSRQCDREYDCKDMSDEVGCVN VTLCEGPNKFKCHSGECITLDKVCNMARD CRDWSDEPIKECGTNECLDNNGGCSH VCNDLKIGYECLCPDGFQLVAQR
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

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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