



Recombinant Human LDLR Protein Product Manual

1. Product Basic Information

Product No.: REP07337

Protein Name: Ldl Receptor (LDLR)

Aliases: LDL receptor; low density lipoprotein receptor; low-density lipoprotein receptor

UniProt ID: P01130

UniProt Link: <https://www.uniprot.org/uniprotkb/P01130/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (22-788aa)

Molecular Weight: 91.7 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (22-788aa)

AVGDR CERNEFQCQDGK CISYKWVCDGSAECQDGSD ESQETCLSVTCKSGDFSC
GGRVNR CIPQFWRC DGQVDCDNGSDEQGCPPKTCSQDEF RCHDGK CISRQFVC
DSDRDCLDGSDEASCPVLT CGPASFQCNSSTCIPQLWACDNDPDCEDGSDEWPQ
RCRGLYVFQGDSSPCSAFEFHCLSGECIHSSWRCDGGPDCKDKSDEENCAVATC
RPDEFQCSDGN CIHGS RQCDREYDCKDMSDEVGCVNVTLC EGP NKFCHSGECIT
LDKVCNMARD CRDWSDEPIKECGTNECLDNNGGCSHVCNDLKIGYECLCPDGFQL
VAQRRCEDIDECQDPDTCSQLCVNLEGGYKCQCEE GFQLDPHTKACKAVGSIAYL
FFTNRHEVRKMTLDRSEYTS LIPNLRNVVALDTEVASNR IYWS DLSQRMICSTQLDR
AHGVSSYDTVISRDIQAPDGLAVDWIHSNIYWTDSVLGTVSVADTKGVKRKTLFREN
GSKPRAIVDPVHGFMYWTDWGTPAKIKKGGLNGVDIYSLVTENIQWPNGITLDLLS
GRLYWVDSKLHSISSIDVNGGNRKTILEDEKRLAHPFSLAVFEDKVFWDIINEAIFSA
NRLTGSDVNLLAENLLSPEDMVL FHNLTQPRGVNWCERTTLSNGGCQYLCLPAPQI
NPHSPKFTCACPDGM LLARDMR SCLTEAEAAVATQETSTVRLKVSSTAVRTQH TTT
RPVPDTSRLPGATPGLTTVEIVTMSHQALGDVAGRGNEKKPSSVR

3. Storage Buffer



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Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human LDLR partial protein (22-788aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. LDLR, also known as LDL receptor or low density lipoprotein receptor or low-density lipoprotein receptor, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.