

## Recombinant Human LDLR Protein

Catalog #	Source	Reactivity	Applications
CRP1888	Human cells	Human	E, WB, SDS-PAGE, MS

<b>Description</b>	Recombinant Human LDLR Protein is produced by our Mammalian expression system and the target gene encoding Ala22-Arg788 is expressed with a 6His tag at the C-terminus.
<b>Form</b>	Supplied as a 0.2 µM filtered solution of 50mM HEPES, 150mM NaCl, pH 7.4
<b>Gene Symbol</b>	LDLR
<b>Alternative Names</b>	Low-density lipoprotein receptor; LDL receptor
<b>Entrez Gene</b>	3949 (Human)
<b>SwissProt</b>	P01130 (Human)
<b>Purity</b>	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
<b>Chemical Structure</b>	AVGDR CERNE FQCQDGK CIS YKWVCDGSAE CQDGSEDSQE TCLSVTCKSG DFSCGGRVNR CIPQFWRC DG QVDCDNGSDE QGCPPKTC SQ DEFRC HDGKC ISRQFVCDSD RDCLDGSDEA SCPVLTCGPA SFQCN SSTCI PQLWACDNDP DCEDGSDEWP QR CRGLYVFQ GDSSPCSAFE FHCLSGECIH SSWRC DGGPD CKDKSDEENC AVATCRPDEF QCSDGN CIHG SRQCDREYDC KDMSDEVGCV NVTLC EGP NK FKCHSGECIT LDKVCNMARD CRDWSDEPIK ECGTNECLDN NGGCSHVCND LKIGYECLCP DGFQLVAQRR CEDIDECQDP DTCSQLCVNL EGGYKCQCEE GFQLDPHTKA CKAVGSIAYL FFTNRHEVRK MTLDRSEYTS LIPNLRNVVA LDTEVASNRI YWSDLSQRMI CSTQLDRAHG VSSYDTVISR DIQAPDGLAV DWIHSNIYWT DSVLGTV SVA DTKGVKR KTL FRENGSKPRA IVVDPVHGFM YWTDWGTPAK IKKGGLNGVD IYSLVTENIQ WPNGITLDLL SGRLYWVDSK LHSISSIDVN GGNRKTILED EKRLAHPFSL AVFEDKVFWT DIINEAIFSA NRLTGSDVNL LAENLLSPED MVLFHNL TQP RGVNWCERTT LSNGGCQYLC LPAPQINPHS PKFTCACPDG MLLARDMRSC LTEAEAAVAT QETSTVRLKV SSTAVRTQHT

**Application key:** E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, CHIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

**Species reactivity key:** H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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# Product Data Sheet

TTRPVPDTSR LPGATPGLTT VEIVTMSHQA LGDVAGRGNE KKPSSVRLN LYFQGHHHHH  
H

## Quality Control

Endotoxin: Less than 0.1 ng/μg (1 IEU/μg) as determined by LAL test.

## Directions for Use

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## Storage/Stability

Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

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