

Recombinant Human LDLR Protein

Catalog #	Source	Reactivity	Applications
CRP1889	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human LDLR Protein is produced by our mammalian expression system and the target gene encoding Ala22-Arg788 is expressed with a AVI, 6His tag at the C-terminus.

Form Lyophilized from a 0.2 μM filtered solution of 50mM HEPES, 150mM NaCl, pH 7.4.

Gene Symbol LDLR

Alternative Names Low-density lipoprotein receptor; LDL receptor

Entrez Gene 3949 (Human)

SwissProt P01130 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure AVGDRCERNE FQCQDGK CIS YKWVCDGSAE CQDGSDESQE TCLSVTCKSG DFSCGGRVNR CIPQFWRC DG QVDCDNGSDE QGCPPKTC SQ DEFRC HDGKC ISRQFVCDSD RDCLDGSDEA SCPVLTCGPA SFQCNSSTCI PQLWACDNDP DCEDGSDEWP QRCRGLYVFQ GDSSPCSAFE FHCLSGECIH SSWRCDGGPD CKDKSDEENC AVATCRPDEF QCSDGNCIHG SRQCDREYDC KDMSDEVGCV NVTLCCEGPNK FKCHSGECIT LDKVCNMARD CRDWSDEPIK ECGTNECLDN NGGCSHVCND LKIGYECLCP DGFQLVAQRR CEDIDECQDP DTCSQLCVNL EGGYKCQCEE GFQLDPHTKA CKAVGSIAYL FFTNRHEVRK MTLDRSEYTS LIPNLRNVVA LDTEVASNRI YWSDLSQRMI CSTQLDRAHG VSSYDTVISR DIQAPDGLAV DWIHSNIYWT DSVLGTVSVA DTKGVK R 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 KKPSSVRGLN DIFEAQKIEW
HELENLYFQG HHHHHH

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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