

Product Information

MemDX™ Membrane Protein Human VLDLR (Very low density lipoprotein receptor) Full

Length

Cat. No.: **MPC1135K**

This product is for research use only and is not intended for diagnostic use.

This product is a 96 kDa Human VLDLR membrane protein expressed in HEK293. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species

Human

Target Protein

VLDLR

Protein Length

Full length

Protein Class

Transporter

Molecular Weight

96 kDa

TMD

1

Sequence

MGTSALWALWLLALCWAPRESGATGTGRKAKCEPSQFQCTNGRCITLLW
KCDGDEDCVDGSDEKNCVKKTCAESDFVCNNGQCVPSRWKCDGDPDCEDG
SDESPEQCHMRTCRIHEISCGAHSTQCIPVSWRCDGENDCDSGEDEENCG
NITCSPDEFTCSSGRICISRNFCVNGQDDCSDGSDELDCAPPTCGAHEFQC
STSSCIPISWVCDDDDADCSDQSDSLEQCGRQPVHTKCPASEIQCGSGE
CIHKKWRCDGDPDCKDGSDEVNCPSTRCPDQFECEDGSCIHGSRQCNGI
RDCVDGSDEVNCKNVNQCLGPGKFKCRSGECIDISKVCNQEQDCRDWSE
PLKECHINECLVNNGGCSHICKDLVIGYECDAAGFELIDRKTCDIDEC
QNPICISQICINLKGGYKCECSRQYQMDLATGVCKAVGKEPSLIFTNRRD
IRKIGLERKEYIQLVEQLRNTVALDADIAAQKLFWADLSQKAIFSASIDD
KVGRHVKMIDNVYNPAAIAVDWVYKTIYWTDAASKTISVATLDGTRKFL
FNSDLREPASIAVDPLSGFVYWSWGEPAKIEKAGMNGFDRRPLVTADIQ
WPNGITLDLIKSRLYWLDSKLHMLSSVDLNGQDRRIVLKSLEFLAHLAL
TIFEDRVYWIDGENEAVYGANKFTGSELATLVNNLNDAQDIIVYHELVQP
SGKNWCEEDMENGCGEYLCLPAPQINDHSPKYTCSCPSGYNVEENGRDCQ
STATTVTYSETKDTNTTEISATSGLVPGGINVTTAVSEVSVPPKGTSAAW
AILPLLLLVMAAVGGYLMWRNWQHKNMKS MNFDNPVYLKTTEEDLSIDIG
RHSASVGHTYPAISVVSTDDDLA

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

VLDLR

Full Name

Very low density lipoprotein receptor

Introduction

The low density lipoprotein receptor (LDLR) gene family consists of cell surface proteins involved in receptor-mediated endocytosis of specific ligands. This gene encodes a lipoprotein receptor that is a member of the LDLR family and plays important roles in VLDL-triglyceride metabolism and the reelin signaling pathway. Mutations in this gene cause VLDLR-associated cerebellar hypoplasia. Alternative splicing generates multiple transcript variants encoding distinct isoforms for this gene.

Alternative Names

VLDLR; CAMRQ1; CARMQ1; CHRMQ1; VLDL-R; VLDLRCH; very low-density lipoprotein receptor; VLDL receptor; Very low density lipoprotein receptor

Gene ID

[7436](#)

UniProt ID

[P98155](#)