

Product Information

MemDX™ Membrane Protein Human LRP4 (LDL receptor related protein 4) Full Length

Cat. No.: **MPC0651K**

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

This product is a 212 kDa Human LRP4 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

LRP4

Protein Length

Full length

Protein Class

Receptor

Molecular Weight

212 kDa

TMD

1

Sequence

MRRQWGALLLGALLCAHGLASSPECACGRSHFTCAVSALGECTCIPAQWQ
CDGDNDCGDHSDEDCILPTCSPLDFHCDNGKCIRRSWVCDGDNDCEDDS
DEQDCPPRECEEEDEFPCQNGYCIIRSLWHCDGDNDCGDNSDEQCDMRKCSD
KEFRCSGSGCIAEHWYCDGDTDCDGSDEENCPSAVPAPPCNLEEFQCAY
GRCILDIYHCDGDDDCGDWSESDCSSHQPCRSGEFMCDSGLCINAGWRC
DGDADCDQSDERNCTTSMCTAEQFRCHSGRCVRLSWRCDGEDDCADNSD
EENCENTGSPQCALDQFLCWNGRCIGQRKLCNGVNDCGDNSDESPQQNCR
PRTGEENCNVNNGGCAQKCQMVRGAVQCTCHTGYRLTEDGHTCQDVNECA
EEGYCSQGCTNSEGAFQCWCETGYELRPDRRSCKALGPEPVLLFANRIDI
RQVLPHRSEYTLNLENAIALDFHHRRELVFWSVTLDRILRANLNGS
NVEEVVSTGLESPPGLAVDWVHDKLYWTDSGTSRIEVANLDGAHRKVLLW
QNLEKPRIALHPMEGTIYWDWGNTPRIEASSMDGSGRRRIADTHLFWP
NGLTIDYAGRRMYWVDAKHHVIERANLDGSHRKAVISQGLPHPFITVFE
DSLYWTDWHTKSINSANKFTGKNQEIRNKLHFPMDIHTLHPQRQPAGKN
RCGDNNGGCTHLCLPSGQNYTCACPTGFRKISSHACAQSLDKFLLFARM
DIRRISFDTELDSDVIPLADVRSVALDWDSRDDHVYWTDVSTDTISRA
KWDGTGQEVVVDTSLESPAGLAIDWVTNKLYWTDAGTDRIEVANTDGSMR
TVLIWENLDRPRDIVPEPMGGYMYWTDWGASPKIERAGMDASGRQVISS
NLTWPNGLAIDYGSQRLYWADAGMKTIEFAGLDGSKRKVLIGSQLPHFPFG
LTLYGERIYWTDWQTKSIQSADRLTGLDRETLQENLENLMDIHVFHRRRP
PVSTPCAMENGGCSHLCLRSPNPSGFSCTCPTGINLLSDGKTCSPGMNSF

LIFARRIDIRMVSLDIPYFADVVPINITMKNTIAIGVDPQEGKVYWSDS
TLHRISRANLDGSQHEDIITTGLQTTDGLAVDAIGRKVYWTDGTGNRIEV
GNLDGSMRKVLVWQNLDSPRAIVLYHEMGFMYWTDWGENAKLERSGMDGS
DRAVLINNNLGWPNGLTVDKASSQLLWADAHERIEAADLNGANRHTLVS
PVQHPYGLTLLDSYIYWTDWQTRSIHRADKGTGSNVILVRSNLPGLMDMQ
AVDRAQPLGFNKCGRNGGCSHLCLPRPSGFSCACPTGIQLKGDGKTCDP
SPETYLLFSSRGSIRRISLDTSDHTDVHVPVPELNNVISLDYDSVDGKVY
YTDVFLDVIRRADLNGSNMETVIGRGLKTTDGLAVDWVARNLYWTDTGRN
TIEASRLDGSCKRVLINNSLDEPRAIAVFPRKGYLFWTDWGHIAKIERAN
LDGSEKVLINTDLGWPNGLTLDYDTRRIYWVDAHLDRIESADLNGKLRQ
VLVSHVSHPFALTQQDRWIYWTDWQTKSIQRVDKYSGRNKETVLANVEGL
MDIIVVSPQRQTGTNACGVNNGGCTHLCFARASDFVCACPDEPDSRPCSL
VPGLVPPAPRATGMSEKSPVLPNTPPTTLYSSTTRTRTSLEEVEGRCSE
DARLGLCARSNDAPPAAPGEGLHISYAIGGLLSILLILVVIAALMLYRHK
KSKFTDPGMGNLTYSNPSYRTSTQEVKIEAIPKPAMYNQLCYKKEGGPDH
NYTKEKIKIVEGICLLSGDDAEWDDLKQLRSSRGLLRDHVCMTDTVSI
QASSGSLDDTETEQLLQEEQSECSSVHTAATPERRGSLPDTGWKHERKLS
SESQV

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

LRP4

Full Name

LDL receptor related protein 4

Introduction

This gene encodes a member of the low-density lipoprotein receptor-related protein family. The encoded protein may be a regulator of Wnt signaling. Mutations in this gene are associated with Cenani-Lenz syndrome.

Alternative Names

CLSS; CMS17; LRP-4; LRP10; MEGF7; SOST2; low-density lipoprotein receptor-related protein 4; multiple epidermal growth factor-like domains 7; LRP4; LDL receptor related protein 4

Gene ID

[4038](#)

UniProt ID

[O75096](#)