

Product Information

MemDX™ Membrane Protein Human IL1RAPL1 (Interleukin 1 receptor accessory protein like 1) Full Length

Cat. No.: **MPC1001K**

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

This product is a 79.9 kDa Human IL1RAPL1 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

IL1RAPL1

Protein Length

Full length

Protein Class

Receptor

Molecular Weight

79.9 kDa

TMD

1

Sequence

MKAPIPHLILLYATFTQSLKVVTKRGSADGCTDWSIDIKKYQVLVGEPVR
IKCALFYGYIRTNYSLAQSAGLSLMWYKSSGPGDFEPIAFDGSRRMSKEE
DSIWFRTLLQDSGLYACVIRNSTYCMKVSISLTVGENDTGLCYNSKMKY
FEKAELSKSKEISCRDIEDFLLPTREPEILWYKECRTKTWRPSIVFKRDT
LLIREVREDDIGNYTCELKYGGFVVRRTTELTVTAPLTDKPPKLLYPMES
KLTIQETQLGDSANLTCRAFFGYSGDVSPLIYWMKGEKFIEDLDENRVWE
SDIRILKEHLGEQEVSLIVDSVEEGDLGNYSYVENGNGRRHASVLLH
KRELMYTVELAGGLGAILLLLVLVTIYKCYKIEIMLFYRNHFGAEELD
DNKDYDAYLSYTKVDPDQWNQETGEEERFALEILPDMLEKHGYKLFIPD
RDLIPTGTIYEDVARCVDQSKRLIIVMTPNYVVRGWSIFELETRLNML
VTGEIKVILIECSELRGIMNYQEVEALKHTIKLLTVIKWHGPKCNKLNSK
FWKRLQYEMPFKRIEPI THEQALDVSEQGPFGELQTVSAISMAAATSTAL
ATAHPDLRSTFHNTYHSQMRQKHYYRSYEYDVPPTGTLPLTSIGNQHTYC
NIPMTLINGQRPQTKSSREQNPDEAHTNSAILPLLPRETSISSVIW

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

IL1RAPL1

Full Name

Interleukin 1 receptor accessory protein like 1

Introduction

The protein encoded by this gene is a member of the interleukin 1 receptor family and is similar to the interleukin 1 accessory proteins. This protein has an N-terminal signal peptide, three extracellular immunoglobulin Ig-like domains, a transmembrane domain, an intracellular Toll/IL-1R domain, and a long C-terminal tail which interacts with multiple signalling molecules. This gene is located at a region on chromosome X that is associated with a non-syndromic form of X-linked intellectual disability. Deletions and mutations in this gene were found in patients with intellectual disability. This gene is expressed at a high level in post-natal brain structures involved in the hippocampal memory system, which suggests a specialized role in the physiological processes underlying memory and learning abilities, and plays a role in synapse formation and stabilization.

Alternative Names

IL1RAPL1; IL1R8; MRX10; MRX21; MRX34; OPHN4; IL1RAPL; TIGIRR-2; IL1RAPL-1; IL-1RAPL-1; IL-1-RAPL-1; interleukin-1 receptor accessory protein-like 1; X-linked interleukin-1 receptor accessory protein-like 1; interleukin 1 receptor-8; mental retardation, X-linked 10; oligophrenin-4; three immunoglobulin domain-containing IL-1 receptor-related 2; Interleukin 1 receptor accessory protein like 1

Gene ID

[11141](#)

UniProt ID

[Q9NZN1](#)