

Product Information

MemDX™ Membrane Protein Human ADGRL3 (Adhesion G protein-coupled receptor L3) Full Length

Cat. No.: **MPC0019K**

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

This product is a 161.8 kDa Human ADGRL3 membrane protein expressed in Baculovirus/Insect expression system. 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

ADGRL3

Protein Length

Full length

Protein Class

GPCR

Molecular Weight

161.8 kDa

TMD

7

Sequence

MWPSQLLIFMMLLAPIIHAFSRAPIPMAVVRRELSCESYPIELRCPGTDV
IMIESANYGRTDDKICDSDPAQMENIRCYLPDAYKIMSQRRCNNRTQCAVV
AGPDVFPDPCPGTYKYLEVQYECVPYKVEQKVFLCPGLLKGVYQSEHLFE
SDHQSGAWCKDPLQASDKIYMPWTPYRTDTLLEYSSKDDFIAGRPTTTY
KLPHRVDGTGFVVYDGAFFNKERTRNIVKFDLRTRIKSGEAIANANYH
DTSPYRWGGKSDIDLAVDENGWVVIYATEQNNGKIVISQLNPYTLRIEGT
WDTAYDKRSASNAFMICGILYVKSVEYEDDDNEATGNKIDYIYNTDQSKD
SLVDVFPFNSYQYIAAVDYNPRDNLLYVWNNYHVVKYSLDFGPLDSRSGQ
AHHGQVSYISPIIHLDELERPSVKDISTTGPLGMGSTTTSTTLRTTTLS
PGRSTTPSVSGRRNRSTSTPSPAVEVLDDMTTHLPSASSQIPALEESCEA
VEAREIMWFKTRQGQIAKQPCPAGTIGVSTYLCLAPDGIWDPQGPDLNSC
SSPWVNHITQKLKSGETAANIARELAEQTRNHLNAGDITYSVRAMDQLVG
LLDVQLRNLTGGKDSAARSLNKAMVETVNNLLQPQALNAWRDLTSDQL
RAATMLLHTVEESAFVLADNLLKTDIVRENTDNIKLEVARLSTEGNLEDL
KFPENMGHGSTIQLSANTLKQNGRNGEIRVAFVLYNNLGPYLSTENASMK
LGTEALSTNHSVIVNSPVITAAINKEFSNKVYLADPVVFTVKHIKQSEEN
FNPNCFSWYSKRTMTGYWSTQGCRLTTNKTHHTCSCNHLTNFAVLMAH
VEVKHSDAVHDLDDLVDITWVGILLSLVCLLICIFTFCFFRGLQSDRNTIH
KNLCISLFAELLFLIGINRTDQPIACAVFAALLHFFFLAAFTWMFLEGV

QLYIMLVEVFESEHSRRKYFYLVGYGMPALIVAVSAAVDYRSYGTDKVCW
LRLDTYFIWSFIGPATLIIMLNIVFLGIALYKMFHHTAILKPESGCLDNI
KSWVIGAIALLCLLGLTWAFGLMYINESTVIMAYLFTIFNSLQGMFIFIF
HCVLQKKVRKEYGKCLRTHCCSGKSTESSIGSGKTSGRTPGRYSTGSQS
RIRRMWNDTVRKQSESSFITGDINSSASLNREGLLNARDTSVMDTLPLN
GNHGNSSYSIASGEYLSNCVQIIDRGYNHNETALEKKILKELTSNYIPSYL
NNHERSSEQNRNLMNKLNNLGSGREDDAIVLDDATSFNHEESLGLLELIH
EESDAPLLPPRVYSTENHQP HHYTRRRIPQDHSESFFPLLTNEHTEDLQS
PHRDSLYTSMPTLAGVAATESVTTSTQTEPPPAKCGDAEDVYYKSMPNLG
SRNHVHQLHTYYQLGRGSSDGFIVPPNKGDTPEGSSKGAHLVTSL

Product Description

Expression Systems

Baculovirus/Insect expression system

Tag

6xHis tag at the C-terminus

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

ADGRL3

Full Name

Adhesion G protein-coupled receptor L3

Introduction

This gene encodes a member of the latrophilin subfamily of G-protein coupled receptors (GPCR). Latrophilins may function in both cell adhesion and signal transduction. In experiments with non-human species, endogenous proteolytic cleavage within a cysteine-rich GPS (G-protein-coupled-receptor proteolysis site) domain resulted in two subunits (a large extracellular N-terminal cell adhesion subunit and a subunit with substantial similarity to the secretin/calcitonin family of GPCRs) being non-covalently bound at the cell membrane.

Alternative Names

CL3; LEC3; CIRL3; LPHN3; calcium-independent alpha-latrotoxin receptor 3; latrophilin homolog 3 (cow); latrophilin-3; lectomedin 3; ADGRL3; Adhesion G protein-coupled receptor L3

Gene ID

[23284](#)

UniProt ID

[Q9HAR2](#)