

Product Information

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

Expressed in CHO for Antibody Discovery, Partial (20-854)

Cat. No.: **MPX0023K**

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

This product is a 120 kDa Human ADGRL3 membrane protein expressed in CHO. 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

Partial (20-854)

Protein Class

GPCR

Molecular Weight

120 kDa

TMD

7

Sequence

FSRAPIPMAVVRRELSCESYPIELRCPGTDV
IMIESANYGRTDDKICDSDPAQMENIRCYLPDAYKIMSQRRCNNRTQCAVV
AGPDVFPDPCPGTYKYLEVQYECVPYKVEQKVFLCPGLLKGVYQSEHLFE
SDHQSGAWCKDPLQASDKIYYMPWTPYRTDTLLEYSSKDDFIAGRPTTTY
KLPHRVDGTGFVVDGALFFNKERTRNIVKFDLRTRIKSGEAIANANYH
DTSPYRWGGKSDIDLAVDENGWVVIYATEQNNGKIVISQLNPYTLRIEGT
WDTAYDKRSASNAFMICGILYVKSVEYEDDDNEATGNKIDYIYNTDQSKD
SLVDVFPFNSYQYIAAVDYNPRDNLLYVWNNYHVVKYSLDFGPLDSRSGQ
AHHGQVSYISPIIHLDELERPSVKDISTTGPLGMGSTTTSTTLRTTTTLS
PGRSTTPSVSGRRNRSTSTPSPAVEVLDDMTTHLPSASSQIPALEESCEA
VEAREIMWFKTRQGQIAKQPCPAGTIGVSTYLCLAPDGIWDPQGPDLNSC
SSPWVNHITQKLKSGETAANIARELAEQTRNHLNAGDITYSVRAMDQLVG
LLDVQLRNLTGGKDSAARSLNKAMVETVNNLLQPQALNAWRDLTSDQL
RAATMLLHTVEESAFVLADNLLKTDIVRENTDNIKLEVARLSTEGNLEDL
KFPENMGHGSTIQLSANTLKQNGRNGEIRVAFVLYNNLGPYLSTENASMK
LGTEALSTNHSHVIVNSPVITAAINKEFSNKVYLADPVVFTVKHIKQSEEN
FNPNCFSWYSKRTMTGYWSTQGCRLTTNKTHHTCSCNHLTNFAVLMAH
VEVK

Product Description

Expression Systems

CHO

Tag

hIgG1 Fc tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 250 µg/mL in sterile PBS.

Endotoxin

<0.1 EU/µg by the LAL method

Purity

>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

Buffer

Lyophilized from a 0.2 µm filtered solution in PBS.

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

