

Product Information

MemDX™ Membrane Protein Human CDON (Cell adhesion associated, oncogene regulated)

Full Length

Cat. No.: **MPC3560K**

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

This product is a made-to-order Human CDON 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

CDON

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MHPDLGPLCTLLYVTLTILCSSVSSDLAPYFTSEPLSAVQKLGGPVVLHC
SAQPVTTRISWLHNGKTL DGNLEHV KIHQGT L TILSLNSSLLGYQCLAN
NSIGAIVSGPATVSVAVLGDFGSSTKHVITAE EK SAGFIGCRVPESNPKA
EVRYKIRGKWLEHSTENYLILPSGNLQILNVSLEDKGSYKCAAYNPVTHQ
LKVEPIGRKLLVSRPSSDDVHILHPTHSQALAVLSRSPVTLECVVSGVPA
PQVYWLKDGQDIAPGSNWRRLYSHLATDSVDPADSGNYSCMAGNKSGDVK
YVTYMVNVLEHASISKGLQDQIVSLGATVHFTCDVHGPNAPNCTWFHNAQ
PIHPSARHLTAGNGLKISGVTVEDVGM YQC VADNGIGFMHSTGRLEIEND
GGFKPVIITAPVSAKVADGDFVTLSCNASGLPVPVIRWYDSHGLITSHPS
QVLRSKSRKSQLSRPEGLNLEPVYFVLSQAGASSLHIQAVTQEHAGKYIC
EAANEHGTTQAEASLMVVPFETNTKAETVTL PDAAQNDDR SKRDGSETGL
LSSFPVKVHPSAVESAPEKNASGISVPD APIILSPPQTHTPD TYNLVWRA
GKDGGLPINAYFVKYRK LDDGVGMLG SWHTVRVPGSENELHLAELEPSSL
YEVLMVARSAAGEGQPAMLTFR TSKEKTASSKNTQASSPPVGIPKYPVVS
EAANNFVGVLTDSSRHSGVPEAPDRPTISTASETSVYVTWIPRANGGSP
ITAFKVEYKMRM TSNWLVA AEDIPPSKLSVEVRSLEPGSTYKFRVIAINH
YGESFRSSASRPYQVVGFPNRFSSRPITGPHIAYTEAVSDTQIMLKWTYI
PSSNNNTPIQGFYIYRPTDSDNDS DYKRDVVEGSKQWHMIGHLQPETSY
DIKMQCFNEGGESEFSNMICETKV KRVPGASEYPVKDLSTPPNSLGS GG
NVGPATSPARSSDMLYLIVGCVLGVMVLILMVFIAMCLWKNRQQNTIQKY
DPPGYLYQGSDMNGQMVDYTTLSGASQINGNVHGGFLTNGGLSSGYSHLH
HKVPNAVNGIVNGSLNGGLYSGHSNSL TRTHVDFEHPHHLVNGGGMYTAV

PQIDPLECVNCRNCRNNNRCFTKTNSTFSSSPPPVVPVAPYPQDGLEMK
PLSHVKVPVCLTSAVPDCGQLPEESVKDNVEPVPTQRTCCQDIVNDVSSD
GSEDPAEFSRGQEGMINLRIPDHLQLAKSCVWEGDSCAHSETEINIVSWN
ALILPPVPEGCAEKTMTWSPPGIPLDSPTEVLQQPRET

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

CDON

Full Name

Cell adhesion associated, oncogene regulated

Introduction

This gene encodes a cell surface receptor that is a member of the immunoglobulin superfamily. The encoded protein contains three fibronectin type III domains and five immunoglobulin-like C2-type domains. This protein is a member of a cell-surface receptor complex that mediates cell-cell interactions between muscle precursor cells and positively regulates myogenesis.

Alternative Names

CDON; CDO; Ihog; CDON1; HPE11; ORCAM; cell adhesion molecule-related/down-regulated by oncogenes; Cdon homolog; surface glycoprotein, Ig superfamily member; Cell adhesion associated, oncogene regulated

Gene ID

[50937](#)

UniProt ID

[Q4KMG0](#)