

Product Information

MemDX™ Membrane Protein Human CDH11 (Cadherin 11) for Antibody Discovery

Cat. No.: **MP1030J**

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

This product is a 85.5 kDa Human CDH11 membrane protein expressed in HEK293T. 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

CDH11

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

85.5 kDa

TMD

1

Sequence

MKENYCLQAALVCLGMLCHSHAFAPERRGHLRPSFHGHHEKGKEGQVLQRSKRGWVWNQFFVIEEYTGPD
PVLVGRHLSDIDSGDGNIKYILSGEGAGTIFVIDDKSGNIHATKTLDREERAQYTLMAQAVDRDTNRPLE
PPSEFIVKVDINDNPPEFLHETYHANVPERSNVGTSVIQVTASDADDPTYGNSAKLVYSILEGQPYFSV
EAQTGIIRTPALPNMDREAKEEYHVVIQAKDMGGHMGGLSGTTKVMITLTDVNDNPPKFPQSVYQMSVSEA
AVPGEEVGRVKAKDPDIGENGLVTYNIVDGDGMESFEITTDYETQEGVIKLLKPVDFETKRAYSLKVEAA
NVHIDPKFISNGPFDKDTVTVKIAVEDADEPPMFLAPSYIHEVQENAAAGTVVGRVHAKDPDAANSPIRYS
IDRHTDLDRFFTINPEDGFIKTTKPLDREETAWLNITVFAAEIHNRHQEAKVPVAIRVLDVNDNAPKFAA
PYEGFICESDQTKPLSNQPIVTISADDKDDTANGPRFIFSLPPEIIHNPNTVRDNRDNTAGVYARRGGF
SRQKQDLYLLPIVISDGGIPPMSSNTLTIKVCGCDVNGALLSCNAEAYILNAGLSTGALIAILACIVIL
LVIVVLFVTLRRQKKEPLIVFEEEDVRENIITYDDEGGGEEDTEAFDIATLQNPDPGNGFIPRKDIKPEY
QYMPRPGLRPAPNSVDVDDFINTRIQEADNDPTAPPYDSIQIYGYEGRGSVAGSLSSLESATTDSDLDYD
YLQNWGPRFKKLADLYGSKDTFDDDS

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target**Target Protein**

CDH11

Full Name

Cadherin 11

Introduction

This gene encodes a type II classical cadherin from the cadherin superfamily, integral membrane proteins that mediate calcium-dependent cell-cell adhesion. Mature cadherin proteins are composed of a large N-terminal extracellular domain, a single membrane-spanning domain, and a small, highly conserved C-terminal cytoplasmic domain. Type II (atypical) cadherins are defined based on their lack of a HAV cell adhesion recognition sequence specific to type I cadherins. Expression of this particular cadherin in osteoblastic cell lines, and its upregulation during differentiation, suggests a specific function in bone development and maintenance.

Alternative Names

CAD11; CDHOB; ESWS; OB; OSF-4

Gene ID

[1009](#)

UniProt ID

[P55287](#)