

Product Information

MemDX™ Membrane Protein Human ADAM11 (ADAM metallopeptidase domain 11) for Antibody Discovery

Cat. No.: **MP0648J**

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

This product is a 83.2 kDa Human ADAM11 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

ADAM11

Protein Length

Full-length

Protein Class

Druggable Genome, Transmembrane

Molecular Weight

83.2 kDa

TMD

1

Sequence

MRLLRRWAFALLLSLLPTPLGTQGPAGALRWGGPLQLGGPGAPEVTEPSRLVRESSGGEVRKQQLDTR
VRQEPGPPVHLAQVSFVIPAFNSNFTLDLELNHHLLSSQYVERHFSREGTTQHSTGAGDHCYYQGKLR
GNPHSFAALSTCQGLHGVFSDGNLTIVPEQEVAGPWGAPQGGLPHLIYRTPLLPDPLGCREPGCLFAVP
AQSAPPNRPRLRRKRQVRRGHPTVHSETKYVELIVINDHQLFEQMRQSVVLTSNFAKSVVNLADVIYKEQ
LNTRIVLVAMETWADGDKIQVQDDLLETARLMVYRREGLPEPSDATHLFSGRTFQSTSSGAAYVGGICS
LSHGGGVNEYGNMGAMAVTLAQTLGQNLGMMWNKHRSSAGDCKCPDIWLGIMEDTGFYLPRKFSRCSID
EYNQFLQEGGGSCLFNKPLKLLDPPECGNGFVEAGEECDGQSVQECRAGGNCKKCTLTHDAMCSDGLC
CRRCKYEPRGVSCREAVNECDIAETCTGDSSQCPPNLHKLDGYCDHEQGRCYGGRCRTRDRQCQVLWGH
AAADRFCYEKLNVEGTERGSCGRKGSWVQCSKQDVLGFLLCVNISGAPRLGDLVGDISSVTFYHQGKE
LDCRGGHVQLADGSDLSYVEDGTACGPNMLCLDHRCLPASAFNFSTCPGSGERRICSHHGVCNEGKCIC
QPDWTGKDCSIHNPLPTSPPTGETERYKGPSGTNIIIGSIAGAVLVAAIVLGGTGWGFKNIRGRSGGA

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**

ADAM11

Full Name

ADAM metalloproteinase domain 11

Introduction

This gene encodes a member of the ADAM (a disintegrin and metalloprotease) protein family. Members of this family are membrane-anchored proteins structurally related to snake venom disintegrins, and have been implicated in a variety of biological processes involving cell-cell and cell-matrix interactions, including fertilization, muscle development, and neurogenesis. The encoded preproprotein is proteolytically processed to generate the mature protease. This gene represents a candidate tumor suppressor gene for human breast cancer based on its location within a minimal region of chromosome 17q21 previously defined by tumor deletion mapping. Alternative splicing results in multiple transcript variants, at least one of which encodes an isoform that is proteolytically processed.

Alternative Names

MDC

Gene ID

[4185](#)

UniProt ID

[B4DKD2](#)