

## Product Information

### MemDX™ Membrane Protein Human ADAM19 (ADAM metallopeptidase domain 19) Full

#### Length

Cat. No.: **MPC1708K**

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

This product is a 104.9 kDa Human ADAM19 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

ADAM19

##### Protein Length

Full length

##### Protein Class

Protease

##### Molecular Weight

104.9 kDa

##### TMD

1

##### Sequence

MPGGAGAARLCLLAFALQPLRPRAAREPGWTRGSEEGSPKLQHELIIPQW  
KTSESPVREKHPLKAELRVMAEGRELILDLEKNEQLFAPSYTETHYTSSG  
NPQTTTRKLEDHCFYHGTVRETELSSVTLSTCRGIRGLITVSSNLSYVIE  
PLPDSKGGQHLIYRSEHLKPPPGNCGFEHSKPTTRDWALQFTQQTKKRPRR  
MKREDLNSMKYVELYLVDYLEFQKNRRDQDATKHKLIEIANYVDKFYRS  
LNIRIALVGLVWTHGNMCEVSENPYSTLWSFLSWRRKLLAQKYHDNAQL  
ITGMSFHGTTIGLAPLMAMCSVYQSGGVNMDHSENAIGVAATMAHEMGNH  
FGMTHDSADCCSASAADGGCIMAATGHPFPKFVNGCNRRRELDRYLQSGG  
GMCLSNMPDTRMLYGGRRCGNGYLEEDGEEDCGEEEEECNNPCCNASNCTL  
RPGAECAGHSCCHQCKLLAPGTLCREQARQCDLPEFCTGKSPHCPTNFYQ  
MDGTPCEGGQAYCYNGMCLTYQECCQQLWGPGARPDLCFEKVNVAAGDT  
FGNCGKDMNGEHRKCNMRDAKCGKIQCQSSEARPLESNAVPIDITIIMNG  
RQIQCRGTHVYRGPEEEGDMLDPGLVMTGTCGYNHICFEGQCRNTSFFE  
TEGCGKKCNHGVNQNCHCLPGWAPPFCNTPGHGGSIDSGMPMPESV  
GPVVAGVLVAILVLAVLMLMYCCRQNNKLGQLKPSALPSKLRQQFSCPF  
RVSQNSGTGHANPTFKLQTPQGKRKVINTPEILRKPSQPPPPRPPDYLRG  
GSPPAPLPAHLSRAARNSPGPSQIERTESSRRPPPSRPIPPAPNCIVSQ  
DFSRRPPQKALPANVPVGRSLPRPGGASPLRPPGAGPQQSRPLAALAP  
KVSPREALKVKAGTRGLQGGRCRVEKTKQFMLLVVWTELPEQKPRAKHSC

## Product Description

### Expression Systems

HEK293

### Tag

Based on specific requirements

### 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

ADAM19

### Full Name

ADAM metalloproteinase domain 19

### Introduction

This gene encodes a member of the ADAM (a disintegrin and metalloprotease domain) 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. This member is a type I transmembrane protein and serves as a marker for dendritic cell differentiation. It has been demonstrated to be an active metalloproteinase, which may be involved in normal physiological processes such as cell migration, cell adhesion, cell-cell and cell-matrix interactions, and signal transduction. It is proposed to play a role in pathological processes, such as cancer, inflammatory diseases, renal diseases, and Alzheimer's disease.

### Alternative Names

ADAM19; MLTNB; FKSG34; MADDAM; disintegrin and metalloproteinase domain-containing protein 19; a disintegrin and metalloproteinase domain 19 (meltrin beta); metalloprotease and disintegrin dendritic antigen marker; metalloprotease-disintegrin meltrin beta; ADAM metalloproteinase domain 19

### Gene ID

[8728](#)

### UniProt ID

[Q9H013](#)