

Product Information

MemDX™ Membrane Protein Human ADAM9 (ADAM metallopeptidase domain 9) Full Length

Cat. No.: **MPC3540K**

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

This product is a made-to-order Human ADAM9 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

ADAM9

Protein Length

Full length

Protein Class

Protease

TMD

1

Sequence

MGSGARFPSGTLRVRWLLLLGLVGPVLGAARPGFQQTSHLSSYEIITPWR
LTRERREAPRPYSKQVSYVIAEGKEHIIHLERNKDLLPEDFVVYTYNKE
GTLITDHPNIQNHCHYRGYVEGVHNSSIALSDCFGLRGLLHLENASYGIE
PLQNSSHFHIIYRMDDVYKEPLKCGVSNKDIEKETAKDEEEEPPSMTQL
LRRRRRAVLPPQTRYVELFIVVDKERYDMMGRNQTAVREEMILLANYLDSMY
IMLNIRIVLVGLEIWTNGNLINIVGGAGDVLGNFVQWREKFLITRRRHDS
AQLVLKKGFGGTAGMAFVGTVC SRSHAGGINVFGQITVETFASIVAHG
HNLGMNHDDGRDCSCGAKSCIMNSGASGRNFSSCAEDFEKLTlnKGGN
CLLNIPKPDEAYSAPSCGNKLVDAGEECDGTPKECELDPCCEGSTCKLK
SFAECAYGDCCKDCRFLPGGTLCRGKTSECDVPEYCNGSSQFCQPDVFIQ
NGYPCQNNKAYCYNGMCQYYDAQCQVIFGSKAKAAPKDCFIEVNSKGDRF
GNCGFSGNEYKKCATGNALCGKLQCEVQEI PVFGIVPAIIQTPSRGTKC
WGVDFQLGSDVPDPMVNEGKTCGAGKICRNFCVDASVLNYDCDVQKKC
HGHGVCNSNKNCHCENGWAPPNCETKGYGGSVD SGPTYNEMNTALRDGLL
VFFFLIVPLIVCAIFIFIKRDQLWRSYFRKKRSQTYESDGKNQANPSRQP
GSVPRHVSPVTPPREVPIYANRFAVPTYAAKQPQQFPSRPPPPQPKVSSQ
GNLIPARPAPAPPLYSSLT

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

ADAM9

Full Name

ADAM metallopeptidase domain 9

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. The protein encoded by this gene interacts with SH3 domain-containing proteins, binds mitotic arrest deficient 2 beta protein, and is also involved in TPA-induced ectodomain shedding of membrane-anchored heparin-binding EGF-like growth factor. Several alternatively spliced transcript variants have been identified for this gene.

Alternative Names

ADAM9; MCMP; MDC9; CORD9; Mltng; disintegrin and metalloproteinase domain-containing protein 9; ADAM metallopeptidase domain 9 (meltrin gamma); cellular disintegrin-related protein; cone rod dystrophy 9; metalloprotease/disintegrin/cysteine-rich protein 9; myeloma cell metalloproteinase; ADAM metallopeptidase domain 9

Gene ID

[8754](#)

UniProt ID

[Q13443](#)