

Product Information

MemDX™ Membrane Protein Human ADAM15 (ADAM metallopeptidase domain 15) Full

Length

Cat. No.: **MPC2894K**

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

This product is a made-to-order Human ADAM15 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

ADAM15

Protein Length

Full length

Protein Class

Cell adhesion

TMD

1

Sequence

MRLALLWALGLLGAGSPLPSWPLPNIGGTEEQQAESKAPREPLEPQVLQ
DDLPISLKKVLQTSLEPLRIKLELDGDSHILELLQNRELVGRPTLVWY
QPDGTRVVSEGHTLENCCYQGRVRYAGSWVSICTCSGLRGLVLTPEP
YTLEQGPDLQGPPIISRIQDLHLPGHTCALSWRESVHTQKPPEHPLGQR
HIRRRRDVVTETKTVELVIVADHSEAQKYRDFQHLLNRTLEVALLDFTF
RPLNVRVALVGLAWTQRDLVEISPNPAVTLENFLHWRRRAHLLPRLPHDS
AQLVTGTSFSGPTVGMAIQNSICSPDFSGGVNMDHSTSLGVASSIAHEL
GHSLGLDHDLPGNPCPGPAPAKTCIMEASTDFLPGLNFSNCSRRALEK
ALLDGMGSCFLERLPSLPPMAAFCGNMFVEPGEQCDGFLDDCVDPCDS
LTCQLRPGAQCADGPGCCQNCQLRPSGWQCRPTRGDCDLPEFCPGDSSQC
PPDVSLGDGEPGAGGQAVCMHGRGASQAQCCQSLWGPGAQPAAPLCLQTA
NTRGNAFGSCGRNPSGSYSCTPRDAICGQLQCQTGRTQPLLGSIRDLLW
ETIDVNGTELNCSSWVHLDLGSQVAQPLLTLPGTACGPGLVCIHRCQRVD
LLGAQECRSKCHGHGVCDNRHCYCEEGWAPPDCTTQLKATSSLTTGLL
SLLVLLVLVMLGASYWYRARLHQRCLQKGPCTQYRAAQSGPSPERPQP
RALLARGTKQASALSFPAPPSRPLPPDPVSKRLQAEADRPNPPTPLPA
DPVVRSPKSGQPAKPPPPRKLPAADPQGRCPSGDLPGPGAGIPPLVVPSR
PAPPPPTVSSLYL

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

ADAM15

Full Name

ADAM metalloproteinase domain 15

Introduction

The protein encoded by this gene is a member of the ADAM (a disintegrin and metalloproteinase) protein family. ADAM family members are type I transmembrane glycoproteins known to be involved in cell adhesion and proteolytic ectodomain processing of cytokines and adhesion molecules. This protein contains multiple functional domains including a zinc-binding metalloprotease domain, a disintegrin-like domain, as well as a EGF-like domain. Through its disintegrin-like domain, this protein specifically interacts with the integrin beta chain, beta 3. It also interacts with Src family protein-tyrosine kinases in a phosphorylation-dependent manner, suggesting that this protein may function in cell-cell adhesion as well as in cellular signaling. Multiple alternatively spliced transcript variants encoding distinct isoforms have been observed.

Alternative Names

ADAM15; MDC15; disintegrin and metalloproteinase domain-containing protein 15; MDC-15; a disintegrin and metalloproteinase domain 15 (metargidin); metalloprotease RGD disintegrin protein; metalloproteinase-like, disintegrin-like, and cysteine-rich protein 15; ADAM metalloproteinase domain 15

Gene ID

[8751](#)

UniProt ID

[Q13444](#)