

Product Information

MemDX™ Membrane Protein Human MMEL1 (Membrane metalloendopeptidase like 1) Full Length

Cat. No.: **MPC3022K**

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

This product is a made-to-order Human MMEL1 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

MMEL1

Protein Length

Full length

Protein Class

Protease

TMD

1

Sequence

MGKSEGPVGMVESAGRAGQKRPGFLEGGLLLLLLVTAALVALGVLYADR
RGKQLPRLASRLCFLQEERTFVKRKPRGIPEAQEVSEVCTTPGCVIAAAR
ILQNMDPTTEPCDDFYQFACGGWLR RHVIPETNSRYSIFDVLRDELEVIL
KAVLENSTAKDRPAVEKARTLYRSCMNQSVIEKRG SQPLLDILEVVGGWP
VAMDRWNETVGLEWELERQLALMNSQFNRRVLIDLFIWNDDQNSSRHIIY
IDQPTLGMP SREYYFN GGSNRKVREAYLQFMVSVATLLREDANLPRDSCL
VQEDMVQVLELETQLAKATVPQEERHDVIALYHRMGLEELQSQFGLKGFN
WTLFIQTVLSSVKIKLLPDEEVVVYGIPYLQNL ENIIDTYSARTIQNYLV
WRLVLD RIGLSQRFKDTRVN YRKALFGTMVEEVRWRECVGYVNSNMENA
VGSLYVREAFPGDSKSMVRELIDKVRTVFVETLDELGWMDEESKKKAQEK
AMSIREQIGH PDYILEEMNRR LDEEYSNLNFS EDLYFENSLQNLKVG AQR
SLRKLREKVD PNLWIIGA AAVVNAFYSPNRNQIVFPAGILQPPFFSKEQPQ
ALNFGGIGM VIGHEITHGFDDNGRNF DKNGNMMDWWSNFS TQHFREQSEC
MIYQYGNYSWDLADEQNVNGFNTL GENIADNGGVRQAYKAYLKWMAEGGK
DQQLPGLDLTHEQLFFINYAQVWCGSYRPEFAIQSIKTDVHSPLKYRVLG
SLQNLA AFADTFHCARGTPMHPKERCRVW

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

MMEL1

Full Name

Membrane metalloendopeptidase like 1

Introduction

The protein encoded by this gene is a member of the neutral endopeptidase (NEP) or membrane metallo-endopeptidase (MME) family. Family members play important roles in pain perception, arterial pressure regulation, phosphate metabolism and homeostasis. This protein is a type II transmembrane protein and is thought to be expressed as a secreted protein. This gene is expressed mainly in testis with weak expression in the brain, kidney, and heart.

Alternative Names

MMEL1; NL1; NL2; SEP; NEP2; MMEL2; NEPII; membrane metallo-endopeptidase-like 1; NEP2(m); membrane metallo-endopeptidase-like 2; neprilysin II; neprilysin-2; soluble secreted endopeptidase; zinc metallopeptidase; Membrane metalloendopeptidase like 1

Gene ID

[79258](#)

UniProt ID

[Q495T6](#)