

Product Information

MemDX™ Membrane Protein Human ECE1 (Endothelin converting enzyme 1) for Antibody

Discovery

Cat. No.: **MP1079J**

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

This product is a 86.8 kDa Human ECE1 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

ECE1

Protein Length

Full-length

Protein Class

Druggable Genome, Protease, Transmembrane

Molecular Weight

86.8 kDa

TMD

1

Sequence

MEALRESVLHLALQMSTYKRATLDEEDLVDSLSEGDAYPNGLQVNFHSPRSGQRCWAARTQVEKRLVVLV
VLLAAGLVACLAALGIQYQTRSPSVCLSEACVSVTSSILSSMDPTVDPCHDFFSYACGGWIKANPVDPDGH
SRWGTFSNLWEHNQAIKHLLNSTASVSEAERKAQVYYRACMNETRIEELRAKPLMELIERLGGWNITG
PWAKDNFQDTLQVVTAHYRTSPFFSVYVSADSKNSNSNVIQVDQSGGLPSRDYYLNKTENEKVLTGYLN
YMQVLGKLLGGGDEEAIAPQMQQILD FETALANITIPQEKRRDEELIYHKVTAELQTLAPAINWLPFLN
TIFYPVEINESEPIVVDKEYLEQISTLINTTDRCLNNYMIWNLVRKTSSFLDQRFQDADEKFMEVMYG
TKKTCLPRWKFCVSDTENNLFALGPMFVKATFAEDSKSIATEIILEIKKAFEESSLTKWMDDEETRKA
KEKADAIYNMIGYPNFIMDPKELDKVFNDYTAVPDLYFENAMRFFNFSWRVTADQLRKAPNRDQWSMTPP
MVNAYYSPTKNEIVFPAGILQAPFYTRSSPKALNFGGIGVVVGHELTHAFDDQGREYDKDGNLRPWWKNS
SVEAFKRQTECMVEQYSNYSVNGEPVNGRHTLGENIADNGGLKAAYRAYQNWVKKNGAEHSLPTLGLTNN
QLFFLGFQAQVWC SVRTPESSEHGLITDPHSPSRFRVIGSLSNSKEFSEHFRCPPGSPMNP PHKCEVW

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**

ECE1

Full Name

Endothelin converting enzyme 1

Introduction

The protein encoded by this gene is involved in proteolytic processing of endothelin precursors to biologically active peptides. Mutations in this gene are associated with Hirschsprung disease, cardiac defects and autonomic dysfunction. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

Alternative Names

ECE

Gene ID

[1889](#)

UniProt ID

[P42892](#)