

Product Information

MemDX™ Membrane Protein Human ECE1 (Endothelin converting enzyme 1) Full Length

Cat. No.: **MPC1772K**

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

This product is a 87.1 kDa Human ECE1 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

ECE1

Protein Length

Full length

Protein Class

Protease

Molecular Weight

87.1 kDa

TMD

1

Sequence

MRGVWPPPVSALLSALGMSTYKRATLDEEDLVDSLSEGDAYPNGLQVNFH
SPRSGQRCWAARTQVEKRLVVLVLLAAGLVACLAALGIQYQTRSPSVCL
SEACVSVTSSILSSMDPTVDPCHDFFSYACGGWIKANPVPDGHRSRWGTFS
NLWEHNQAIKHLLNSTASVSEAERKAQVYYRACMNETRIEELRAKPLM
ELIERLGGWNITGPWAKDNFQDTLQVVTAHYRTSPFFSVYVSADSKNSNS
NVIQVDQSGGLPSRDYYLNKTENEKVLTYGLNYMVQLGKLLGGGDEEAI
RPQMQQILD FETALANITIPQEKRRDEELIYHKVTAAELQTLAPAINWLP
FLNTIFYPVEINESEPIVVYDKEYLEQISTLINTTDRCLLNMYMIWNLVR
KTSSFLDQRFQDADEKFMEVMYGTGKKTCLPRWKFCVSDTENNLFALGPM
FVKATFAEDSKSIATEIILEIKKAFEESSLTLKWMDEETRKSAREKADAI
YNMIGYPNFMIDPKELDKVFNDYTAVPDLYFENAMRFFNFSWRVTADQLR
KAPNRDQWSMTPPMVNAYYSPTKNEIVFPAGILQAPFYTRSSPKALNFGG
IGVVVGHELTHAFDDQGREYDKDGNLRPWWKNSSVEAFKRQTECMVEQYS
NYSVNGEPVNGRHTLGENIADNGGLKAAYRAYQNWVKKNGAEHSLPTLGL
TNNQLFFLGFAQVWC SVRTPESSHEGLITDPHSPSRFRVIGSLSNSKEFS
EHFRCPPGSPMNPPHKCEVW

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 -72°C or lower. Avoid freeze/thaw cycles.

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

ECE1; ECE; endothelin-converting enzyme 1; Endothelin converting enzyme 1

Gene ID

[1889](#)

UniProt ID

[P42892](#)