

Recombinant Human ECE1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ECE1-1885H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

ECE1 MS Standard C13 and N15-labeled recombinant protein (NP_001388) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

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.

Molecular Mass

87 kDa

AA Sequence

MRGVWPPPVSALLSALGMSTYKRATLDEEDLVDSLSEGDAYPNGLQVNFHSPRSG
 QRCWAARTQVEKRLVVLVLLAAGLVACLAALGIYQTRSPSVCLSEACVSVTSSIL
 SSMDPTVDPCHDFFSYACGGWIKANVVPDGHSRWGTFSNLWEHNQAIKHLENST
 ASVSEAERKAQVYYRACMNETRIEELRAKPLMELIERLGGWNITGPWAKDNFQDTL
 QVVTAHYRTSPFFSVYVSADSKNSNSNVIQVDQSGGLPSRDYYLNKTENEKVLTG
 YLNYMVQLGKLLGGGDEEAIQPMQQLDFETALANITIPQEKRRDEELIYHKVTAAE
 LQTLAPAINWLPFLNTIFYPVEINESEPIVVYDKEYLEQISTLINTTDRCLLNMYMIWNL
 VRKTSSFLDQRFQDADEKFMVVMYGTCKTCLPRWKFCVSDTENNLGFALGPMFVK
 ATFAEDSKSIATEIILEIKKAFEESSLTLKWMDEETRKSACEKADAIYNMIGYPNFIMDP

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



KELDKVFNDYTAVPDLYFENAMRFFNFSWRVTADQLRKAPNRDQWSMTPPMVNAY
YSPTKNEIVFPAGILQAPFYTRSSPKALNFGGIGVVVGHETHAFDDQGREYDKDGN
LRPWWKNSSVEAFKRQTECMVEQYSNYSVNGEPVNGRHTLGENIADNGGLKAAAYR
AYQNWVKKNGAEHSLPTLGLTNNQLFFLGFAQVWCSVRTPESSHEGLITDPHSPSR
FRVIGSLSNSKEFSEHFRCPPGSPMNPPHKCEVWTRTRPLEQKLISEEDLAANDILD
YKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ECE1 endothelin converting enzyme 1 [Homo sapiens (human)]
Official Symbol	ECE1
Synonyms	ECE1; endothelin converting enzyme 1; ECE; endothelin-converting enzyme 1; ECE-1;
Gene ID	1889
mRNA Refseq	NM_001397

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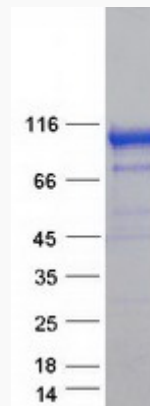
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Protein Refseq NP_001388

MIM 600423

UniProt ID P42892

SDS-PAGE



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