

Recombinant Full Length Human ECE1 Protein, GST-tagged

Cat. No. ECE1-4150HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ECE1 full-length ORF (NP_001388.1, 1 a.a. - 770 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	770 amino acids
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.[provided by RefSeq, Sep 2009]
Molecular Mass	113.6 kDa
AA Sequence	MRGVWPPPVSALLSALGMSTYKRATLDEEDLVDSLSEGDAYPNGLQVNFHSPRSG QRCWAARTQVEKRLVVLVLLAAGLVACLAALGIQYQTRSPSVCLSEACVSVTSSIL SSMDPTVDPCHDFFSYACGGWIKANPVPDGHRSRWGTFSNLWEHNQAIKHLLNST ASVSEAERKAQVYYRACMNETRIEELRAKPLMELIERLGGWNITGPWAKDNFQDTL QVVTAHYRTSPFFSVYVSADSKNSNSNVIQVDQSGGLPSRDYYLNKTENEKVLTG YLNMYMVQLGKLLGGGDEEAIQPMQQLDFETALANITIPQEKRRDEELIYHKVTAAE LQTLAPAINWLPFLNTIFYPVEINESEPIVVYDKEYLEQISTLINTTDRCLLNNYMIWNL VRKTSSFLDQRFQDADEKFMVEMYGTTKKTCLPRWKFCVSDTENNLGFALGPMFVK

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ATFAEDSKSIATEIILEIKKAFEESLSTLKWMDEETRKSAKEKADAIYNMIGYPNFIMDP
 KELDKVFNDYTAVPDLYFENAMRFFNFSWRVTADQLRKAPNRDQWSMTPPMVNAY
 YSPTKNEIVFPAGILQAPFYTRSSPKALNFGGIGVVVGHELTHAFDDQGREYDKDGN
 LRPWWKNSSVEAFKRQTECMVEQYSNYSVNGEPVNGRHTLGENIADNGGLKAAYR
 AYQNWVKKNGAEHSLPTLGLTNNQLFFLGFAQVWCSVRTPESSHEGLITDPHSPSR
 FRVIGSLSNSKEFSEHFRCPPGSPMNPPHKCEVW

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

[ECE1 endothelin converting enzyme 1 \[Homo sapiens \]](#)

Official Symbol

[ECE1](#)

Synonyms

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

Gene ID

[1889](#)

mRNA Refseq

[NM_001113347](#)

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Protein Refseq	NP_001106818
MIM	600423
UniProt ID	P42892

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