

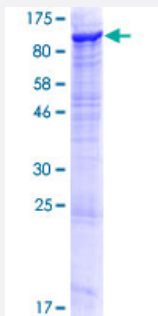
Full-Length

ECE1 (Human) Recombinant Protein (P01)

Catalog # H00001889-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ECE1 full-length ORF (NP_001388.1, 1 a.a. - 770 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MRGVWPPPVSAALLSALGMSTYKRATLDEEDLVDSLSEGDAYPNGLQVNFHSPRSGQRCWAART
QVEKRLVVLVLLAAGLVACLAALGIQYQTRSPSVCLSEACVSVTSSILSSMDPTVDPCHDFFSY
ACGGWIKANPVPDGHSRWGTFSNLWEHNQAIIKHLLNSTASVSEAERKAQVYYRACMNETRIEE
LRAKPLMELIERLGGWNITGPWAKDNFQDTLQVVTAHYRTSPFFSVVVSADSKNSNSNIQVDQS
GLGLPSRDYYLNKTENEKVLGTGLNYMVQLGKLLGGGDEEAIRPQMQQILDFETALANITIPQEKRR
DEELIYHKVTAELQTLAPAINWLPFLNTIFYPVEINESEPIVVYDKEYLEQISTLINTDRCLLNMYMW
NLVRKTSSFLDQRFQDADEKFMVEMYGTCTCLPRWKFCVSDTENNLGFALGPMFVKATFAED
SKSIATEIILEIKKAFEESLSTLKWMDEETRKSAREKADAMNMGYPNFMIDPKELDKVFNDYTAVP
DLYFENAMRFFNFSWRVTADQLRKAPNRDQWSMTPPMVNAYYSPTKNEIVFPAGILQAPFYTRSS
PKALNFGGIGVVVGHELTHAFDDQGREYDKDGNLRPWWKNSSVEAFKRQTECMVEQYSNYSVN
GEPVNGRHTLGENIADNGGLKAAAYRAYQNWVKKNGAEHSLPTLGLTNNQLFFLGFAQVWCSVRT
PESSHEGLITDPHSPSRFRVIGLSNSKEFSEHFRCPPGSPMNPCHKCEVW

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

113.6

Interspecies Antigen Sequence

Mouse (96); Rat (95)

Preparation Method

[in vitro wheat germ expression system](#)

Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

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

Gene Info — ECE1

Entrez GeneID	1889
GeneBank Accession#	NM_001397.1
Protein Accession#	NP_001388.1
Gene Name	ECE1
Gene Alias	ECE
Gene Description	endothelin converting enzyme 1
Omim ID	145500 600423
Gene Ontology	Hyperlink
Gene Summary	Endothelin-converting enzyme-1 is involved in the proteolytic processing of endothelin-1 (EDN1; MIM 131240), -2 (EDN2; MIM 131241), and -3 (EDN3; MIM 131242) to biologically active peptides.[supplied by OMIM]
Other Designations	OTTHUMP00000002725

Disease

- [Alzheimer disease](#)
- [Arrhythmia](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypotension](#)
- [Kidney Failure](#)
- [Liver Cirrhosis](#)
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- [Neoplasms](#)
- [Osteoporosis](#)
- [Polycystic Kidney](#)
- [Polycystic kidney disease](#)
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