

Recombinant Human ECE2, His-tagged

Cat. No. ECE2-12265H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ECE2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-255a.a.
Description	Endothelin-converting enzymes, such as ECE2 (EC 3.4.24.71), are type II metalloproteases that generate functionally pleiotropic members of the endothelin vasoactive peptide family (Lorenzo et al., 2001 [PubMed 11718899]).
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	ECE2 endothelin converting enzyme 2 [Homo sapiens]
Official Symbol	ECE2

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Synonyms	ECE2; endothelin converting enzyme 2; endothelin-converting enzyme 2; KIAA0604; MGC2408; ECE-2; MGC17664; MGC78487;
Gene ID	9718
mRNA Refseq	NM_001037324
Protein Refseq	NP_001032401
MIM	610145
UniProt ID	O60344
Chromosome Location	3q27.1
Function	metal ion binding; metalloendopeptidase activity; methyltransferase activity; peptidase activity; transferase activity;

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