

## 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 <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 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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|                            |                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------|
| <b>Synonyms</b>            | ECE2; endothelin converting enzyme 2; endothelin-converting enzyme 2; KIAA0604; MGC2408; ECE-2; MGC17664; MGC78487;     |
| <b>Gene ID</b>             | <a href="#">9718</a>                                                                                                    |
| <b>mRNA Refseq</b>         | <a href="#">NM_001037324</a>                                                                                            |
| <b>Protein Refseq</b>      | <a href="#">NP_001032401</a>                                                                                            |
| <b>MIM</b>                 | <a href="#">610145</a>                                                                                                  |
| <b>UniProt ID</b>          | <a href="#">O60344</a>                                                                                                  |
| <b>Chromosome Location</b> | 3q27.1                                                                                                                  |
| <b>Function</b>            | metal ion binding; metalloendopeptidase activity; methyltransferase activity; peptidase activity; transferase activity; |

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