

Recombinant Full Length Human ECE2 Protein, GST-tagged

Cat. No. ECE2-4152HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human ECE2 full-length ORF (NP_115707.1, 1 a.a. - 255 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	255 amino acids
Description	This gene encodes a member of the M13 family, which includes type 2 integral membrane metalloproteinases. The encoded enzyme is a membrane-bound zinc-dependent metalloprotease. The enzyme catalyzes the cleavage of big endothelin to produce the vasoconstrictor endothelin-1, and plays a role in the processing of several neuroendocrine peptides. It may also have methyltransferase activity. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2013]
Molecular Mass	54.7 kDa
AA Sequence	MASPGAGRAPPPELPERNCGYREVEYWDQRYQGAADSAPYDWFQDFSSFRALLEP ELRPEDRILVLGCGNSALSVELFLGGFPNVTSDYSSVVVAAMQARYAHVPQLRWE TMDVRKLDFPSASFVVLEKGTLDALLAGERDPWTVSSEGVHTVDQVLSEVSRVLV PGGRFISMTSAAPHFRTRHYAQAYYGWLSLRHATYGS GFHFHLYLMHKGGKLSVAQ LALGAQILSPRPPTSPCFLQSDHEDFLSAIQL

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

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