

Active Recombinant Human ECE2, His&Val-tagged

Cat. No. ECE2-529H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ECE2 (Accession # EAW78275) Gly104-Trp787, fused with an N-terminal 10-His tag and Val, was produced in Mouse myeloma cell line, NSO-derived.
Species	Human
Source	Mammalian Cells
ProteinLength	104-787 a.a.
Predicted N Terminal	His
Form	Supplied as a 0.2 µ filtered solution in Tris, NaCl and ZnCl ₂ .
Bio-activity	Measured by its ability to cleave the fluorogenic peptide substrate, Mca-RPPGFSAFK(Dnp)-OH .The specific activity is > 250 pmol/min/µg, as measured under the described conditions.
Molecular Mass	Recombinant Human ECE2, His&Val-tagged has a calculated MW of 79 kDa. In SDS-PAGE migrates as 113 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

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months (-70°C).

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
Chromosome Location	3q27.1

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