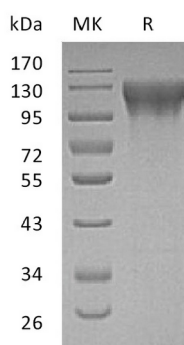


概述 (Summary)

英文全称	Endothelin-converting Enzyme 1/ECE-1
纯度 (Purity)	Greater than 95% as determined by reducing SDS-PAGE
内毒素 (Endotoxin level)	<1 EU/μg as determined by LAL test.
蛋白构建 (Construction)	Recombinant Human Endothelin-converting Enzyme 1 is produced by our Mammalian expression system and the target gene encoding Gln90-Trp770 is expressed with a 8His tag at the N-terminus.
Accession #	P42892
蛋白标签 (Tag)	
表达宿主 (Host)	Human Cells
种属 (Species)	Human
预测分子量 (Predicted MW)	78.8 KDa
蛋白形态 (Form)	Lyophilized from a 0.2 μm filtered solution of PBS, pH7.4.
储存缓冲液 (Buffer)	
运输方式 (Shipping)	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
稳定性&储存 (Stability &Storage)	Store at ≤-70°C, stable for 6 months after receipt. Store at ≤-70°C, stable for 3 months under sterile conditions after opening. Please minimize freeze-thaw cycles.
复溶 (Reconstitution)	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100μg/ml. Dissolve the lyophilized protein in distilled water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

电泳图 (SDS-PAGE image)

Product Name: Recombinant Human ECE-1 (N-8His)
Catalog #: PHH1863



背景 (Background)

分子别名 (Alternative Names)

Endothelin-converting enzyme 1; ECE-1

背景介绍 (References)

Endothelin-Converting Enzyme-1 (ECE-1) is a single-pass type I transmembrane (TM) protein with a short cytoplasmic tail and a large ectodomain. ECE-1 is a zinc protease of the neprilysin (NEP) family, which also includes ECE-2, PEX, XCE, DINE, and Kell, and several NEP-like proteins. It is widely expressed and has several alternatively spliced forms that differ in their TM domain or cytoplasmic tail. All isoforms of ECE-1 are expressed in umbilical vein endothelial cells, polynuclear neutrophils, fibroblasts, atrium cardiomyocytes and ventricles. Endothelin-converting enzyme-1 is involved in the proteolytic processing of Endothelin-1 (EDN1), Endothelin-2 (EDN2), and Endothelin-3 (EDN3) to biologically active peptides. Defects in ECE1 are a cause of Hirschsprung disease, cardiac defects and autonomic dysfunction (HSCRCAD). It is a form of Hirschsprung disease with skip-lesions defects, craniofacial abnormalities and other dysmorphic features, and autonomic dysfunction.

注意事项 (Note)

For Research Use Only , Not for Diagnostic Use.