

Angiotensin-Converting Enzyme 2/ACE-2 Recombinant Protein | ACE-2 recombinant protein

Recombinant Human Angiotensin-Converting Enzyme 2/ACE-2 Protein (C-6His)

CATALOG # AAA174005	HOST Human Cells
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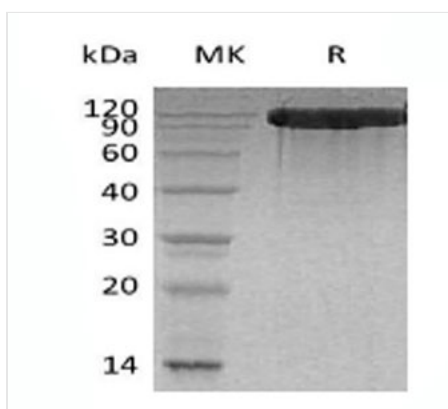
PRODUCT SYNONYMS

Angiotensin-Converting Enzyme 2/ACE-2; Recombinant Human Angiotensin-Converting Enzyme 2/ACE-2 Protein (C-6His); Angiotensin-Converting Enzyme 2; ACE-Related Carboxypeptidase; Angiotensin-Converting Enzyme Homolog; ACEH; Metalloprotease MPROT15; ACE2; ACE-2 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human Cells
Purity/Purification	> 95 % as determined by reducing SDS-PAGE.
Form/Format	Supplied as a 0.2 ?m filtered solution of 20mM Tris, 300mM NaCl, 1mM ZnCl2, 10% Glycerol, pH 7.4.
Concentration	1.5mg/mL. (varies by lot)
Sequence Positions	Gln18-Ser740
Sequence Length	805
Species	Human
Tag	C-6His
Endotoxin	< 1.0 EU per ug as determined by the LAL method.
Preparation and Storage	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles. This product is provided as liquid. It is shipped at frozen temperature with blue ice. Upon receipt, store it immediately at <-20°C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for ACE-2 recombinant protein	Angiotensin-Converting Enzyme 2 (ACE-2) is an integral membrane protein and a zinc metalloprotease of the ACE family, the ACE family includes somatic and germinal ACE. ACE-2 cleaves angiotensins I and II as a carboxypeptidase, ACE-2 converts angiotensin I to angiotensin 1-9, and angiotensin II to angiotensin 1-7. ACE-2 is also able to hydrolyze apelin-13 and dynorphin-13 with high efficiency. ACE-2 can be high expressed in testis, kidney and heart, in colon, small intestine and ovary at moderate levels. Captopril and lisinopril as the classical ACE inhibitor don't inhibit ACE-2 activity. ACE-2 may play an important role in regulating the heart function.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11225609
NCBI GeneID	59272
NCBI Accession #	Q9BYF1
NCBI GenBank Nucleotide #	NM_021804.2
UniProt Accession #	Q9BYF1; Q6UWP0; Q86WT0; Q9NRA7; Q9UFZ6; C7ECU1
Molecular Weight	Mol_Mass: 84.6 kDa AP_Mol_Mass: 103 kDa
NCBI Official Full Name	angiotensin-converting enzyme 2
NCBI Official Synonym Full Names	angiotensin I converting enzyme 2
NCBI Official Symbol	ACE2
NCBI Official Synonym Symbols	ACEH
NCBI Protein Information	angiotensin-converting enzyme 2
UniProt Protein Name	Angiotensin-converting enzyme 2
UniProt Gene Name	ACE2
UniProt Synonym Gene Names	ACEH

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.