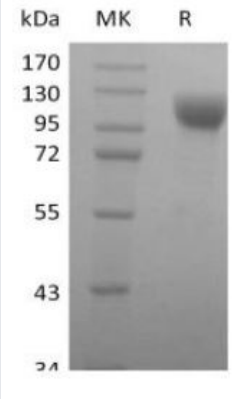
ACE-2 Biotinylated Human Recombinant Protein

PRODUCT OVERVIEW

Product Name	ACE-2, Recombinant Protein
Full Product Name	Biotinylated Human ACE-2 (C-Avi-6His)
Product Gene Name	ACE-2 recombinant protein
Product Synonym Names	Angiotensin-Converting Enzyme 2; ACE-Related Carboxypeptidase; Angiotensin-Converting Enzyme Homolog; ACEH; Metalloprotease MPROT15
Form/Format	Supplied as a 0.2 ?m filtered solution of 20mM Tris-HCl, 300mM NaCl, 1mM ZnCl2, 10% Glycerol, pH 7.4.
Purity/Purification	Greater than 95% as determined by reducing SDS-PAGE.
Preparation and Storage	Store at < -20 degree C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.
Molecular Weight	MW: 86.2 kDa; MS: 110-140kDa, reducing conditions
3D Structure	ModBase 3D Structure for Q9BYF1
Endotoxin	Less than 0.1 ng/?g (1 EU/?g) as determined by LAL test.
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for ACE-2 recombinant protein	Angiotensin-Converting Enzyme 2 (ACE-2) is an integral membrane protein and a zinc metalloproteaseof the ACE family, the ACE family includes somatic and germinal ACE. ACE-2 cleaves angiotensins I and IIas a carboxypeptidase, ACE-2 converts angiotensin I to angiotensin 1-9, and angiotensin II to angiotensin1-7. 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.
Other Notes	Small volumes of ACE-2 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for ACE-2 purchase	MBS8574872 is a recombinant protein targeting ACE-2. Also known as Biotinylated Human ACE-2 (C-Avi-6His).



SDS-Page of ACE-2 recombinant protein
SDS-PAGE of Biotinylated Human ACE-2 (C-Avi-6His).

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for ACE-2. It may not necessarily be applicable to this product.

UniProt Primary Accession #	Q9BYF1
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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