



ACE-2 Recombinant Protein

Cat. No.: 91-376



Ψ Specifications

SPECIES:	Human
SOURCE SPECIES:	Human Cells
SEQUENCE:	Gln18-Ser740
FUSION TAG:	C-6 His tag
TESTED APPLICATIONS:	
APPLICATIONS:	This recombinant protein can be used for biological assays. For research use only.
PREDICTED MOLECULAR WEIGHT:	84.63 kD

Ψ Properties

PURITY:	Greater than 95% as determined by reducing SDS-PAGE. Endotoxin level less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
PHYSICAL STATE:	Liquid
BUFFER:	Supplied as a 0.2 um filtered solution of 20mMTris,300mMNaCl,1mMZnCl2,10%Glycerol,PH7.4 .

STORAGE CONDITIONS:

Store at -20°C, stable for 6 months after receipt.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Ψ Additional Info

OFFICIAL SYMBOL:	ACE2
ALTERNATE NAMES:	Angiotensin-Converting Enzyme 2, ACE-Related Carboxypeptidase, Angiotensin-Converting Enzyme Homolog, ACEH, Metalloprotease MPROT15, ACE2
ACCESSION NO.:	Q9BYF1
GENE ID:	59272

Ψ Background and References

BACKGROUND:	<p>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.</p>
--------------------	--

ANTIBODIES FOR RESEARCH USE ONLY.

For additional information, visit ProSci's [Terms & Conditions Page](#).