

Product datasheet for **TP726675**

ACE2 Human Recombinant Protein (Angiotensin Converting Enzyme 2)

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human ACE-2(C-mFc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gln18-Ser740
Tag:	C-mFc
Buffer:	Supplied as a 0.2 um filtered solution of 20mMTris-HCl,300mMNaCl,1mMZnCl2,10%Glycerol,PH7.4 .
Note:	Recombinant Human Angiotensin-Converting Enzyme 2 is produced by our Mammalian expression system and the target gene encoding Gln18-Ser740 is expressed with a mFc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	59272
UniProt ID:	Q9BYF1
Summary:	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 donâ€™t inhibit ACE-2 activity. ACE-2 may play an important role in regulating the heart function.



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