

## Product datasheet for **TP726702**

### Rhesus Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Rhesus Macaque ACE-2 (Mammalian, C-Fc)
Species:	Rhesus
Expression cDNA Clone or AA Sequence:	Gln18-Val739
Tag:	C-Fc
Buffer:	Supplied as a 0.2 um filtered solution of PBS,pH7.4.
Note:	Recombinant Rhesus macaque Angiotensin-Converting Enzyme 2 is produced by our Mammalian expression system and the target gene encoding Gln18-Val739 is expressed with a Fc tag at the C-terminus.
Stability:	12 months from date of despatch
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 don't inhibit ACE-2 activity. ACE-2 may play an important role in regulating the heart function.



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