

## Product datasheet for **TP726692**

### Ace2 Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse ACE-2 (Mammalian, C-10His)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Gln18-Thr740
Tag:	C-His
Buffer:	Supplied as a 0.2 um filtered solution of 25mM Tris-HCl, 150mM NaCl, 1mM ZnCl <sub>2</sub> , pH 7.5.
Note:	Recombinant Mouse Angiotensin-Converting Enzyme 2 is produced by our Mammalian expression system and the target gene encoding Gln18-Thr740 is expressed with a 10His tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	70008
UniProt ID:	<a href="#">Q8R0I0</a>
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.



[View online »](#)