

Product datasheet for **TP726673**

ACE2 Human Recombinant Protein (Angiotensin Converting Enzyme 2)

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant Human ACE-2 (C-Fc) |
| Species: | Human |
| Expression cDNA Clone or AA Sequence: | Gln18-Ser740 |
| Tag: | C-Fc |
| Buffer: | Supplied as a 0.2 um filtered solution of 20mM Trisâ€"HCl, 300mM NaCl, 10% Glycerol, 100mM Glycine, 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 Fc 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. |



[View online »](#)