

Product datasheet for **TP724618**

ACE2 Human Recombinant Protein (Angiotensin Converting Enzyme 2)

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human ACE2 Protein (C-hFc)
Species:	Human
Expression cDNA Clone or AA Sequence:	18-740
Tag:	C-hFc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4
Note:	Recombinant Human ACE2 Protein is produced by HEK293. The target gene encoding 18-740 is expressed with a hFc 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 angiotensin I and II as a carboxypeptidase and 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 do not inhibit ACE-2 activity. ACE-2 may play an important role in regulating the heart function.



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