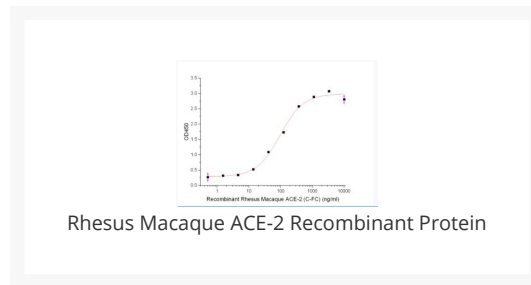




Rhesus Macaque ACE-2 Recombinant Protein

Cat. No.: 92-726




Ψ Specifications

SPECIES:	Rhesus monkey
SOURCE SPECIES:	Mammalian cells
SEQUENCE:	Gln18-Val739
FUSION TAG:	C-Fc tag
APPLICATIONS:	This recombinant protein can be used for biological assays. For research use only.
PREDICTED MOLECULAR WEIGHT:	110.6kDa

Ψ Properties

PURITY:	Greater than 95% as determined by reducing SDS-PAGE. Endotoxin level less than 0.1 ng/ug (1 IEU/ug) as determined by LAL test.
PHYSICAL STATE:	Liquid
BUFFER:	Supplied as a 0.2 um filtered solution of PBS, pH 7.4.
STORAGE CONDITIONS:	Store below -20 °C, stable for 6 months after receipt.

OFFICIAL SYMBOL:	Ace2
ALTERNATE NAMES:	Angiotensin-Converting Enzyme 2; ACE-Related Carboxypeptidase; Angiotensin-Converting Enzyme Homolog; ACEH; Metalloprotease MPROT15; ACE2
ACCESSION NO.:	ACI04564.1
GENE ID:	712790

 Background and References

BACKGROUND:	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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