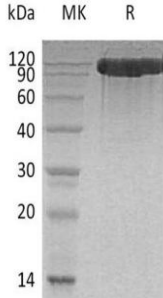


Recombinant Human ACE2 protein, His Tag

Cat# P0051- 10 µg | P0052 – 50 µg

Storage at -20°C or below.

INFORMATION

Product Name	Recombinant Human ACE2 protein, His Tag
Product Type	Recombinant Protein
Cat NO.	P0051 -10 µg P0052 50 µg
Size	10 µg 50 µg
Description	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. The recombinant Human ACE2 protein, His Tag having a molecular mass of 84.6kDa with 6x His-Tag at C-terminal site.
Species	Human
Source	Human ACE2, Sequence Gln18-Ser740, His Tag is expressed from human cells
Appearance	Liquid
Formulation	Supplied as a 0.2 µm filtered solution of 20mM TrisHCl, 150mM NaCl, 0.1mM ZnCl ₂ , 10% Glycerol, pH 7.5.
Purity	>95% as determined by SDS-PAGE
Endotoxin	Less than 1.0 EU per µg by the LAL method.
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage.
Stability	Samples are stable for up to six months from date of receipt at -20°C
Image	 <p>kDa MK R</p> <p>120 90 60 40 30 20 14</p>

PRODUCT USE LIMITATION

These products are intended for research use only.