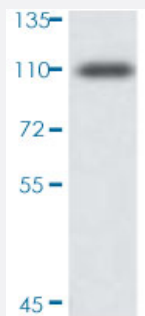


HuPro®

ACE2 (Human) Recombinant Protein

Catalog # P6619 Size 100 ug

Applications



Western Blot

Western blot analysis of ACE2 (Human) Recombinant Protein (Cat # P6619).



Specification

Product Description	Human ACE2 (Q9BYF1, 1 a.a. - 740 a.a.) partial recombinant protein with C-terminal Fc tag expressed in HEK293 cells.
Host	Human
Theoretical MW (kDa)	109.9
Reactivity	Human
Form	Liquid
Preparation Method	Mammalian cell (HEK293) expression system

Purification	Protein A purification
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue
Recommend Usage	SDS-PAGE Western Blot The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS.
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

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- SDS-PAGE

Gene Info — ACE2

Entrez GeneID	59272
Protein Accession#	Q9BYF1
Gene Name	ACE2
Gene Alias	ACEH, DKFZp434A014
Gene Description	angiotensin I converting enzyme (peptidyl-dipeptidase A) 2
Omim ID	300335
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene belongs to the angiotensin-converting enzyme family of dipeptidyl carboxydipeptidases and has considerable homology to human angiotensin 1 converting enzyme. This secreted protein catalyzes the cleavage of angiotensin I into angiotensin 1-9, and angiotensin II into the vasodilator angiotensin 1-7. The organ- and cell-specific expression of this gene suggests that it may play a role in the regulation of cardiovascular and renal function, as well as fertility. In addition, the encoded protein is a functional receptor for the spike glycoprotein of the human coronaviruses SARS and HCoV-NL63. [provided by RefSeq]
Other Designations	ACE-related carboxypeptidase OTTHUMP00000022963 angiotensin I converting enzyme 2 angiotensin converting enzyme-like protein

Pathway

- [Renin-angiotensin system](#)

Disease

- [Arrhythmias](#)
- [Atrial Fibrillation](#)
- [Cardiomyopathy](#)
- [Cardiovascular Diseases](#)
- [Coronary Disease](#)
- [Death](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Hypertrophy](#)
- [Hypotension](#)
- [Intracranial Aneurysm](#)
- [Malaria](#)
- [Metabolic Syndrome X](#)
- [Sarcoidosis](#)