

Angiotensin I Converting Enzyme 2 (ACE2) Active Protein | ACE2 active protein

Active Angiotensin I Converting Enzyme 2 (ACE2)

CATALOG # AAA150563	HOST E Coli	APPLICATIONS Activity Assay, Cell Culture
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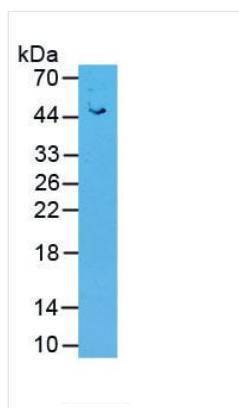
PRODUCT SYNONYMS

Angiotensin I Converting Enzyme 2 (ACE2); Active Angiotensin I Converting Enzyme 2 (ACE2); Angiotensin I Converting Enzyme 2; ACEH; ACEII; ACE-II; Peptidyl-Dipeptidase A; ACE-related carboxypeptidase; Angiotensin-converting enzyme homolog; Metalloprotease MPROT15; ACE2 active protein

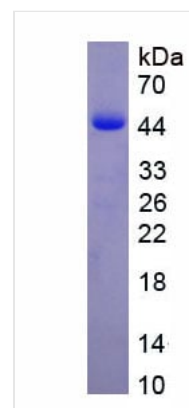
PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	>97%
Form/Format	Freeze-dried powder 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Sequence	Leu392~Val 739
Applicable Applications for ACE2 active protein	Activity Assay, Cell Culture
Source	Prokaryotic expression
Species	Rat
Tag	N-terminal His Tag
Isoelectric Point	6.5
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Avoid repeated freeze/thaw cycles. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



WB (Western Blot)
WB Image



SDS-PAGE
Figure. SDS-PAGE

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HEAVGEIMSL SAATPKHLKS IGLLPSNFQE DNETEINFLL LRNGANEGF
PFTYMLEKWR WMVFQDKIPR EQWTKKWMEM KREIVGVVEP LPHDETYCDP
ASLFHVSNQY SFIRYYTRTI YQFQFQALC QAAKHGGLH KCDISNSTEA
GQKLLNMLSL GNSGPWTLAL ENVVGSRNMD VKPLLNVFQP LFWLKEQNR
NSTVGWSTQW SPYADQSIKV RISLKSALGK NAYEWTNEM YLFRSSVAYA
MREYFSREKN QTVPFGEADV WVSCLKPRVS FNFVTSPPN VSDIIPRSEV
EEAIRMSRGR INDIFGLNDN SLEFLGIYPT LKPPYEPPV
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Sequence

ADDITIONAL INFORMATION

Product Categories/Family for ACE2 active protein	Enzyme & Kinase; Metabolic pathway; Endocrinology; Cardiovascular biology; Neuro science; Hepatology; Active proteins/AP
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NCBI AND UNIPROT INFORMATION

NCBI GI #	58865588
NCBI GeneID	302668
NCBI Accession #	NP_001012006.1
NCBI GenBank Nucleotide #	NM_001012006.1
UniProt Accession #	Q5EGZ1
Molecular Weight	92,491 Da
NCBI Official Full Name	angiotensin-converting enzyme 2
NCBI Official Synonym Full Names	angiotensin I converting enzyme 2
NCBI Official Symbol	Ace2
NCBI Protein Information	angiotensin-converting enzyme 2
UniProt Protein Name	Angiotensin-converting enzyme 2
UniProt Gene Name	Ace2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/e-coli-active-protein/angiotensin-i-converting-enzyme-2-ace2/150563>