

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

Eukaryotic Angiotensin I Converting Enzyme 2 (ACE2)

CATALOG # AAA150629	HOST 293F cells	APPLICATIONS Western Blot, SDS-Page
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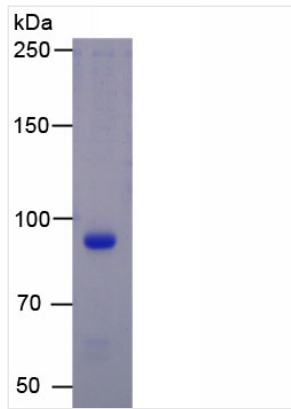
PRODUCT SYNONYMS

Angiotensin I Converting Enzyme 2 (ACE2); Eukaryotic 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 protein

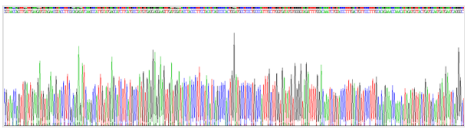
PRODUCT SPECIFICATIONS

Host	293F cells
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	Gln18~Thr7 40
Applicable Applications for ACE2 protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Species	Mouse
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5.2
Subcellular Location	Secreted
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



SDS-PAGE
Figure. SDS-PAGE



Gene Sequence
Figure. Gene Sequencing (extract)

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QSL TEENAKTFLN NFNQEAEDLS YQSSLASWNY
NTNITEENAO KMSEAAAKHS AFYEEQSKTA QSFSLQETQT PIIKRQLQAL
QQSGSSALSA DKNKQLNTIL NTMSTIYSTG KVCNPKNPQE CLLLEPGLDE
IMATSTDYNS RLWAWEGWRA EVGKQLRPLY EEVVVLKNEM ARANNYNDYG
DYWRGDYAE GADGVNYNRN QLIEDVERTF AEIKPLYEHL HAYVRRKLMQ
TYPYSISPTG CLPAHLLGDM WGRFWTNLYP LTVPFAQKPN IDVTDAMMNO
GMDAERIFQE AEKFFVSVGL PHMTQGFWAN SMLTEPADGR KVVCHPTAND
LGHGDFRIKM CTKVTMDNFL TAHHEMCHIQ YDMAYARQPF LLRNGANEGF
HEAVGEIMSL SAATPKHLKS IGLLPADFQE DSETEINFL KQALITVGTI
PFTYMLEKWR WMVFRGEIPK EQWMKKWEM KREIVGVVEP LPHDETYCDP
ASLFHVSNFY SFIRYYTRTI YQFQFQALC QAAKYNGSLH KCDISNSTEA
GQKLLKMLSL GNSEPTWKAL ENVVGARNMD VKPLLNYFQP LFDWLKEQNR
NSFVGWNTFW SPYADQSIKV RISLKSALGA NAVEHTNNEM FLFRSSVAYA
MRKYFSIIKN QTVPFLEEDV RVSDLKPRVS FYFFVTSPQN VSDVIPRSEV
EDAIRMSRGR INDVFGFLNDN SLEFLGIHPT LEPPYQPPVT
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Sequence

ADDITIONAL INFORMATION

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

NCBI GI #	71152217
NCBI GeneID	70008
UniProt Accession #	Q8R0I0; Q99N70; Q99N71
Molecular Weight	40,340 Da
NCBI Official Full Name	Angiotensin-converting enzyme 2
NCBI Official Synonym Full Names	angiotensin I converting enzyme (peptidyl-di-peptidase A) 2
NCBI Official Symbol	Ace2
NCBI Official Synonym Symbols	2010305L05Rik
NCBI Protein Information	angiotensin-converting enzyme 2; ACE-related carboxypeptidase; angiotensin I converting enzyme 2
UniProt Protein Name	Angiotensin-converting enzyme 2
UniProt Gene Name	Ace2
UniProt Entry Name	ACE2_MOUSE

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.

