

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

Eukaryotic Angiotensin I Converting Enzyme 2 (ACE2)

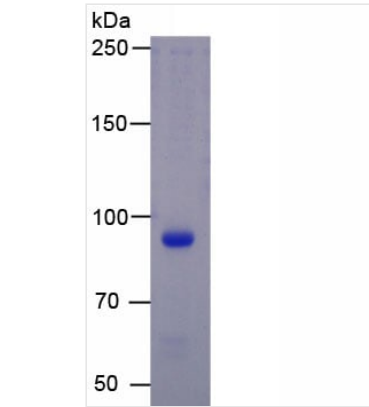
CATALOG # AAA150630	HOST 293F cells	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

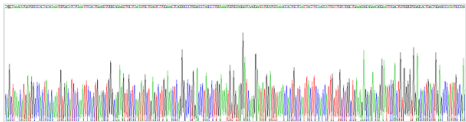
Angiotensin I Converting Enzyme 2 (ACE2); Eukaryotic Angiotensin I Converting Enzyme 2 (ACE2); Angiotensin I Converting Enzyme 2; ACEH; ACEII; ACE-II; Peptidyl-Dipeptidase A; ACE-related carboxypeptidase; Angiotensin-converting enzyme homolog; Metalloprotease MPROT15; ACE2 protein

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	Met1~Thr74 0
Applicable Applications for ACE2 protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Eukaryotic expression
Species	Rat
Tag	N-terminal His Tag
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Isoelectric Point	5
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.



SDS-PAGE
Figure. SDS-PAGE



Gene Sequence
Figure. Gene Sequencing (extract)

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MSSSCHLLLS LVAVATAQSL IEEKAESFLN KFNQEAEDLS YQSSLASWNY
NTNITEENAQ KMNEAAAKWS AFYEEQSKIA QNFSLQEIQN ATIKRQLKAL
QQSGSSALSP DKNKQLNTIL NTMSTIYSTG KVCNSMNPQE CFLLEPGLDE
IMATSTDYNR RLWAWEGWRA EVGKQLRPLY EEVVLKNEM ARANNYEDYG
DYMRGDYEA EGVGYNNYRN QLIEDVENTF KEIKPLYEQL HAVVRTKLME
VYPSYISPTG CLPAHLLGDM WGRFWTNLYP LTTPLQKPN IDVTDAMVNO
SWDAERIFKE AEKFFVSVGL PQMTPGFWTN SMLTEPGDDR KVVCHPTAWD
LGHGDFRIKM CTKVTMDNFL TAHHEMGIHQ YDMAYAKQPF LLRNGANEGF
HEAVGEIMSL SAATPKHLKS IGLLPSNFQE DNETEINFLL KQALTIIVGTL
PFTYMLEKWR WMVFQDKIPR EQWTKKWMEM KREIVGVVEP LPHDETYCDP
ASLFHVSNDY SFIRYYTRTI YQFQEQALC QAAKHDGPLH KCDISNSTEA
GQKLLNMLSL GNSGPWTLAL ENVVGSRNMD VKPLLNYFQP LFMVLKEQNR
NSTVGWSTDW SPYADQSIKV RISLKSALGK NAYEWTDNEM YLFRSSVAYA
MREYFSREKN QTVPFGEADV WSDLKPRVS FNFFVTSPKN VSDIIPRSEV
EEAIRMSRGR INDIFGLNDN SLEFLGIYPT LKPPYEPPVT
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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 #	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.

