

Angiotensin I Converting Enzyme (ACE) Recombinant Protein | ACE recombinant protein

Recombinant Angiotensin I Converting Enzyme (ACE)

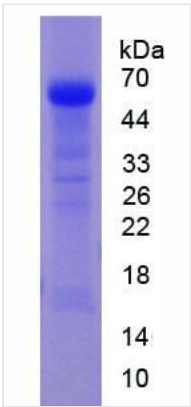
CATALOG # AAA134161	HOST E Coli	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Angiotensin I Converting Enzyme (ACE); Recombinant Angiotensin I Converting Enzyme (ACE); ACE recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95%
Form/Format	Supplied as lyophilized form in PBS,pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Sequence	Thetargetp roteinisfu sedwithtwo N-terminal Tags,His-t agandGST-t ag,itssequ enceislist edbelow. MSPILGYW KIKGLVQPTR LLEYLEEKY EEHLIERDEG DKWRNKKFEL GLEFPNLPYY IDGDVKLTQS MAIRYIADK HNMLGGCPKE RAEISMLEGA VLDIRYGVSR IAYSKDFETL KVDFLSKLPE MLKMFEDRLC HKTYLNGDHV THPDFMLYDA LDVVLMDPM CLDAFPKLV FKKRIEAIQ IDKYLKSSKY IAWPLQGWQA TFGGDHPPK SDGSTSGSGH HHHHHSAGLV PRGSTAIGMK ETAAAKFERQ HMDSPDLGTL EVLFQGPLGS EF-RLNGYVD AGDSWRSMYE TPSLEQDLER LFQELQPLYL NLHAYVRRAL HRHYGAQHIN LEGPIAHL GNMWAQTWSN IYDLVVPFPS APSMDTTEAM LKQGWTPRRM FKEADFFTS LGLLPVPPEF WNKSMLEKPT DGREVVCHAS AWDIFYNGKDF RIKQCTTVNL EDLVVAHHM GHIQYFMQYK DLPVALREGA NPGFHEAIGD VLALSVSTPK HLHSLNLLSS EGGSDHDIN FLMKMALDKI AFIPFSYLV D Q
Sequence Length	1306
Applicable Applications for ACE recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Organism	Homo sapiens (Human)
Expression System	Prokaryotic expression
Residues	Arg814~Gln1071 (Accession # P12821) with two N-terminal Tags, His-tag and GST-tag
Endotoxin Level	<1.0EU per 1ug (determined by the LAL method)
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the targetprotein. 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 andprecipitation were observed. (Referring from China Biological Products Standard,which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



RLNGYVD AGDSWRSMYE TPSLEQDLER LFQELQPLYL
NLHAYVRRAL HRHYGAQHIN LEGPIPAHLL GNMMAQTWSN IYDLVVPFPS
APSMdTTEAM LKQGHTPRRM FKEADDFTS LGLLPVPEF WNKSMLEKPT
DGREVVCHAS AWDFYNGKDF RIKQCTTVNL EDLVVAHHM GHIQYFMQYK
DLPVALREGA NPGFHEAIGD VLALSVSTPK HLHSLNLLSS EGGSEHDIN
FLMKMALDKI AFIPFSYLV D Q

Sequence

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503273
NCBI GeneID	1636
NCBI Accession #	NP_000780.1
NCBI GenBank Nucleotide #	NM_000789.3
UniProt Accession #	P12821; P22966; Q53YX9; Q59GY8; Q7M4L4; B0LPF0; B4DXI3; E7EU16
Molecular Weight	61.5kDa
NCBI Official Full Name	angiotensin-converting enzyme isoform 1
NCBI Official Synonym Full Names	angiotensin I converting enzyme
NCBI Official Symbol	ACE
NCBI Official Synonym Symbols	DCP; ICH; ACE1; DCP1; CD143; MVCD3
NCBI Protein Information	angiotensin-converting enzyme; kininase II; peptidase P; CD143 antigen; testicular ECA; carboxycathepsin; dipeptidyl carboxypeptidase 1; dipeptidyl carboxypeptidase I; angiotensin converting enzyme, somatic isoform; angiotensin I converting enzyme (peptidyl-dipeptidase A) 1; angiotensin I converting enzyme peptidyl-dipeptidase A 1 transcript
UniProt Protein Name	Angiotensin-converting enzyme
UniProt Gene Name	ACE
UniProt Synonym Gene Names	DCP; DCP1; ACE
UniProt Entry Name	ACE_HUMAN

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/ace-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/134161>