



[Go to Product page](#)

Datasheet for ABIN7506289

Angiotensin I Converting Enzyme 1 Protein (His tag)

Overview

Quantity:	100 µg
Target:	Angiotensin I Converting Enzyme 1 (ACE)
Origin:	Human
Source:	Baculovirus
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This Angiotensin I Converting Enzyme 1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Functional Studies (Func)

Product Details

Purpose:	ACE (Human) Recombinant Protein
Sequence:	LDPGLQPGNF SADEAGAQLF AQSYNSSAEQ VLFQSVASW AHDTNITAEN ARRQEEAALL SQEFAEAWGQ KAKELYEPIW QNFTDPQLRR IIGAVRTLGS ANLPLAKRQQ YNALLSNMSR IYSTAKVCLP NKTATCWSLD PDLTNILASS RSYAMLLFAW EGWHNAAGIP LKPLYEDFTA LSNEAYKQDG FTDTGAYWRS WYNSPTFEDD LEHLYQQLEP LYLNLHAFVR RALHRRYGDR YINLRGPIPA HLLGDMWAQS WENIYDMVVP FPDKPNLDVT STMLQQGWNA THMFRVAEEF FTSLELSPMP PEFWEGSMLE KPADGREVVC HASAWDFYNR KDFRIKQCTR VTMDQLSTVH HEMGHIQYYL QYKDLPVSLR RGANPGFHEA IGDVLALSVS TPEHLHKIGL LDRVTNDTES DINYLLKMAL EKIAFLPGY LVDQWRWGVF SGRTPPSRYN FDWWYLRTKY QGICPPVTRN ETHFDAGAKF HVPNVTPYIR YFVSFVLQFQ FHEALCKEAG YEGPLHQCDI YRSTKAGAKL RKVLQAGSSR PWQEVLDKDMV GLDALDAQPL LKYFQPVTQW LQEQNQNGE VLGWPEYQWH PPLPDNYPEG IDLVTDEAEA SKFVEEYDRT SQVWVNEYAE ANWNYNTNIT TETSKILLQK

Product Details

NMQIANHTLK YGTQARKFDV NQLQNTTIKR IIKKVQDLER AALPAQELEE YNKILLDMET
TYSVATVCHP NGSCLQLEPD LTNVMATSRK YEDLLWAWEG WRDKAGRAIL QFYPKYVELI
NQAARLNGYV DAGDSWRSMY ETPSLEQDLE RLFQELQPLY LNLHAYVRRRA LHRHYGAQHI
NLEGPIPAHL LGNMWAQTWS NIYDLVVPFP SAPSMDTTEA MLKQGWTPRR MFKEADFFFT
SLGLLPVPPE FWNKSMLEKP TDGREVVCHA SAWDFYNGKD FRIKQCTTVN LEDLVVAHHE
MGHIQYFMQY KDLPVALREG ANPGFHEAIG DVLALSVSTP KHLHSLNLLS SEGGSDI
NFLMKMALDK IAFIPFSYLV DQWRWRVFDG SITKENYNQE WWSLRKLYQG LCPPVPRTQG
DFDPGAKFHI PSSVPYIRYF VSFIIQFQH EALCQAAGHT GPLHKCDIYQ SKEAGQLAT
AMKLGFSRPW PEAMQLITGQ PNMSASAMLS YFKPLLDWLR TENELHGEKL GWPQYNWTPN
SARSEGPLPD SGRVSFLGLD LDAQQAR

Characteristics: Human ACE (P12821, 30 a.a. - 1256 a.a.) partial length recombinant protein His tag expressed in Baculovirus expression system.

Purification: Baculovirus expression system

Target Details

Target: Angiotensin I Converting Enzyme 1 (ACE)

Alternative Name: ACE ([ACE Products](#))

Background: Angiotensin I converting enzyme (peptidyl-dipeptidase A) 1

Gene ID: 1636

Pathways: [ACE Inhibitor Pathway](#), [Peptide Hormone Metabolism](#), [Regulation of Systemic Arterial Blood Pressure by Hormones](#), [Feeding Behaviour](#), [Smooth Muscle Cell Migration](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: In Phosphate-Buffer Saline pH 7.4 (10 % glycerol)

Storage: -20 °C, -80 °C