

APB886Ra01 1

Active Angiotensin I Converting Enzyme 2 (ACE2)

Organism Species: *Rattus norvegicus* (Rat)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Leu392~Val739

Tags: N-terminal His Tag

Purity: > 97%

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Applications: Cell culture; Activity Assays.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.5

Predicted Molecular Mass: 43.9kDa

Accurate Molecular Mass: 44kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: 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°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.

[SEQUENCE]

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                                LRNGANEGF
HEAVGEIMSL SAATPKHLKS IGLLPSNFQE DNETEINFL KQALTIVGTL
PFTYMLEKWR WMVFQDKIPR EQWTKKWWEM KREIVGVVEP LPHDETYCDP
ASLFHVSNDY SFIRYYTRTI YQFQFQEALC QAAKHDGPLH KCDISNSTEA
GQKLLNMLSL GNSGPWTLAL ENVVGSRNMD VKPLLNYFQP LFWWLKEQNR
NSTVGWSTDW SPYADQSIKV RISLKSALGK NAYEWTDNEM YLFRSSVAYA
MREYFSREKN QTVPFGEADV WVSDLKPRVS FNFFVTSPKN VSDIIPRSEV
EEAIRMSRGR INDIFGLNDN SLEFLGIYPT LKPPYEPPV

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[IDENTIFICATION]

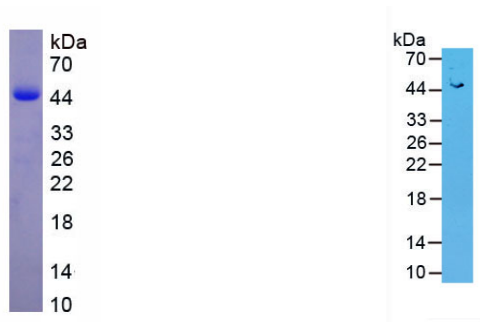


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.