EPB886Ra61 1

Eukaryotic 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: Eukaryotic expression

Host: 293F cell

Residues: Met1~Thr740

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 97%

Traits: Freeze-dried powder

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

Original Concentration: 200μg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

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

Predicted isoelectric point: 5.0

Predicted Molecular Mass: 87.2kDa

Accurate Molecular Mass: 87kDa 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 2-8ºC for one month.

Aliquot and store at -80ºC 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]

MSSSCWLLLS LVAVATAQSL IEEKAESFLN KFNQEAEDLS YQSSLASWNY
NTNITEENAQ KMNEAAAKWS AFYEEQSKIA QNFSLQEIQN ATIKRQLKAL
QQSGSSALSP DKNKQLNTIL NTMSTIYSTG KVCNSMNPQE CFLLEPGLDE
IMATSTDYNR RLWAWEGWRA EVGKQLRPLY EEYVVLKNEM ARANNYEDYG
DYWRGDYEAE GVEGYNYNRN QLIEDVENTF KEIKPLYEQL HAYVRTKLME
VYPSYISPTG CLPAHLLGDM WGRFWTNLYP LTTPFLQKPN IDVTDAMVNQ
SWDAERIFKE AEKFFVSVGL PQMTPGFWTN SMLTEPGDDR KVVCHPTAWD
LGHGDFRIKM CTKVTMDNFL TAHHEMGHIQ YDMAYAKQPF LLRNGANEGF
HEAVGEIMSL SAATPKHLKS IGLLPSNFQE DNETEINFLL KQALTIVGTL
PFTYMLEKWR WMVFQDKIPR EQWTKKWWEM KREIVGVVEP LPHDETYCDP
ASLFHVSNDY SFIRYYTRTI YQFQFQEALC QAAKHDGPLH KCDISNSTEA
GQKLLNMLSL GNSGPWTLAL ENVVGSRNMD VKPLLNYFQP LFVWLKEQNR
NSTVGWSTDW SPYADQSIKV RISLKSALGK NAYEWTDNEM YLFRSSVAYA
MREYFSREKN QTVPFGEADV WVSDLKPRVS FNFFVTSPKN VSDIIPRSEV
EEAIRMSRGR INDIFGLNDN SLEFLGIYPT LKPPYEPPVT

[IDENTIFICATION]

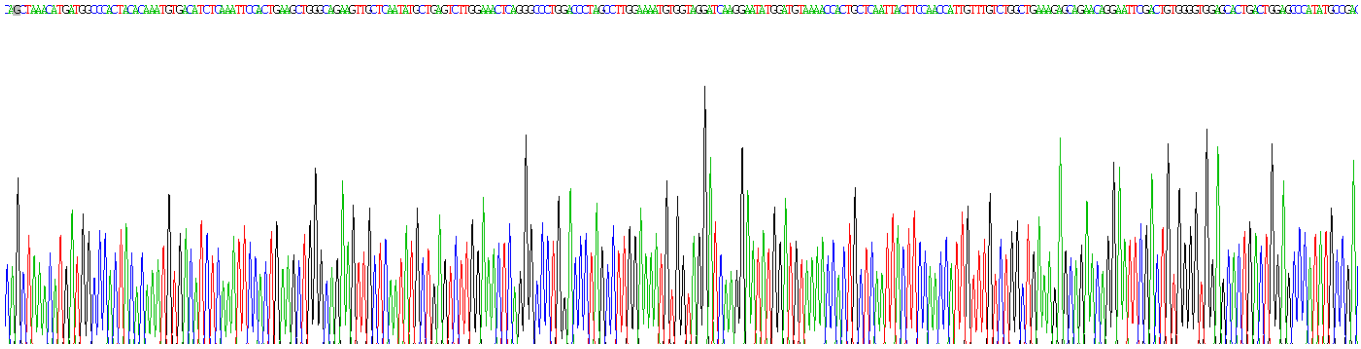

Figure . Gene Sequencing (extract)

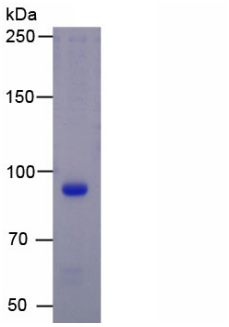

Figure. SDS-PAGE

[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.