RPB886Mu02 1mg

Recombinant Angiotensin I Converting Enzyme 2 (ACE2)

Organism Species: *Mus musculus (Mouse)*

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: Gln18~Thr740

Tags: N-terminal His Tag

Subcellular Location: Membrane, Secreted, Cytoplasm

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

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: 5.2

Predicted Molecular Mass: 87.2kDa

Accurate Molecular Mass: 87kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8⁰C for one month.
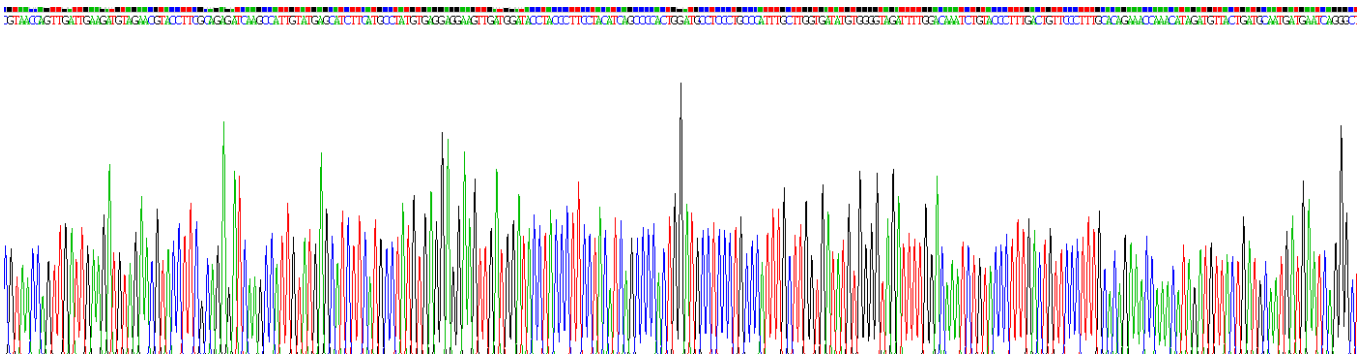
Aliquot and store at -80⁰C for 12 months.

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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                  QSL  TEENAKTFLN  NFNQEAEDLS  YQSSLASWNY
NTNITEENAQ  KMSEAAAKWS  AFYEEQSKTA  QSFSLQEIQT  PIIKRQLQAL
QQSGSSALSA  DKNKQLNTIL  NTMSTIYSTG  KVCNPKNPQE  CLLLEPGLDE
IMATSTDYNS  RLWAWEGWRA  EVGKQLRPLY  EEYVVLKNEM  ARANNYNDYG
DYWRGDYEAE  GADGYNYNRN  QLIEDVERTF  AEIKPLYEHL  HAYVRRKLMD
TYPSYISPTG  CLPAHLLGDM  WGRFWTNLYP  LTVPFAQKPN  IDVTDAMMNQ
GWDAERIFQE  AEKFFVSVGL  PHMTQGFWAN  SMLTEPADGR  KVVCHPTAWD
LGHGDFRIKM  CTKVTMDNFL  TAHHEMGHIQ  YDMAYARQPF  LLRNGANEGF
HEAVGEIMSL  SAATPKHLKS  IGLLPSDFQE  DSETEINFLL  KQALTIVGTL
PFTYMLEKWR  WMVFRGEIPK  EQWMKKWWEM  KREIVGVVEP  LPHDETYCDP
ASLFHVSNDY  SFIRYYTRTI  YQFQFQEALC  QAAKYNGSLH  KCDISNSTEA
GQKLLKMLSL  GNSEPWTKAL  ENVVGARNMD  VKPLLNYFQP  LFDWLKEQNR
NSFVGWNTEW  SPYADQSIKV  RISLKSALGA  NAYEWTNNEM  FLFRSSVAYA
MRKYFSIIKN  QTVPFLEEDV  RVSDLKPRVS  FYFFVTSPQN  VSDVIPRSEV
EDAIRMSRGR  INDVFGLNDN  SLEFLGIHPT  LEPPYQPPVT
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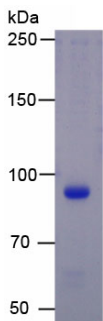## [IDENTIFICATION]

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.