Recombinant Angiotensin I Converting Enzyme 2 (ACE2) Instruction Manual

SIPB278Mu02

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method)
Subcellular Location	Membrane, Secreted, Cytoplasm
Predicted Molecular Mass	87.2kDa
Accurate Molecular Mass	87kDa(Analysis of differences refer to the manual)
Residues & Tags	Gln18~Thr740 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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

USAGE

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

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image

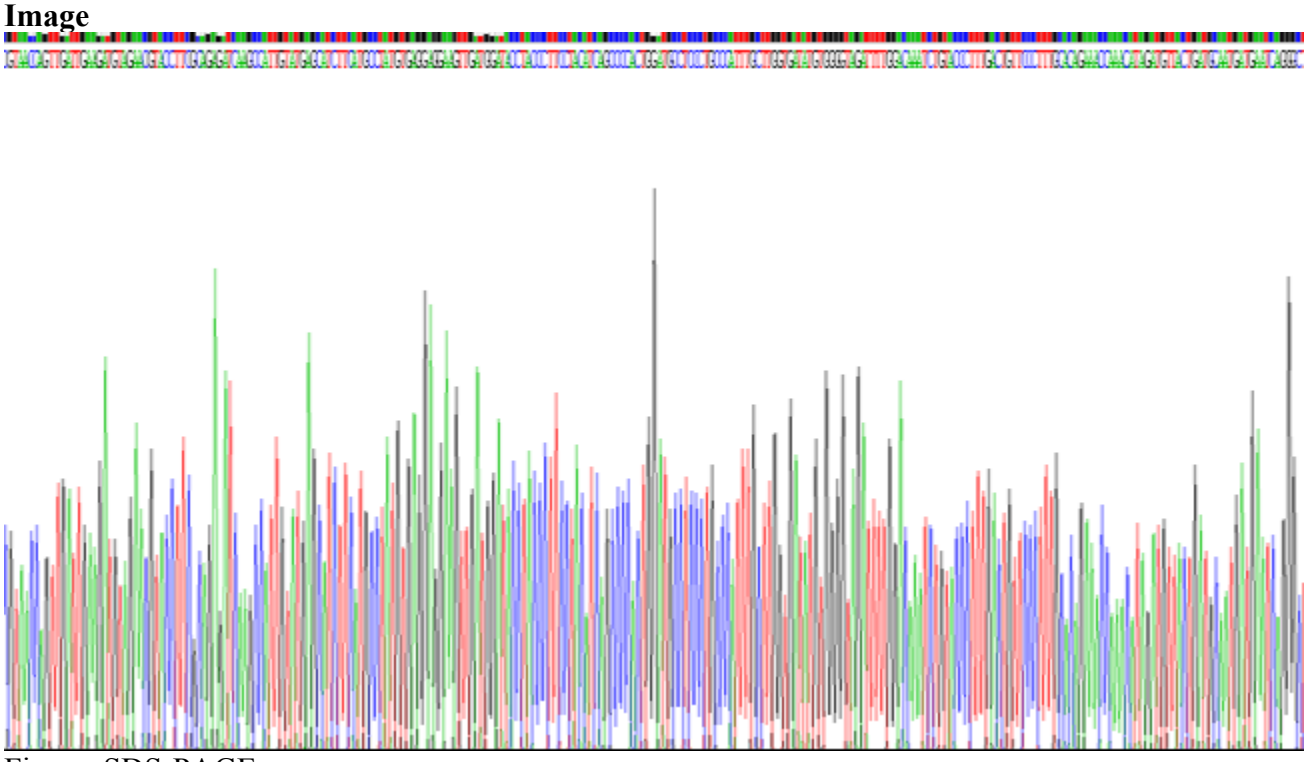

Figure. SDS-PAGE

[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.