

Eukaryotic Angiotensin I Converting Enzyme 2 (ACE2) Instruction Manual

SFPB278Mu61

Mus musculus (Mouse)

Source	Eukaryotic expression
Host	293F cell
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	85.2kDa
Accurate Molecular Mass	87kDa(Analysis of differences refer to the manual)
Residues & Tags	Gln18~Thr740 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	5.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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QSL TEENAKTFLN NFNQEAEDLS YQSSLASWNY
NTNITEENAQ KMSEAAAKWS AFYEEQSKTA QSFSLQEIQT PIIKRQLQAL
QQSGSSALSA DKNKQLNTIL NTMSTIYSTG KVCNPKNPQE CLLLEPGLDE
IMATSTDYNS RLWAWEGWRA EVGKQLRPLY EEYVVLKNEM ARANNYNDYG
DYWRGDYAE GADGYNYNRN QLIEDVERTF AEIKPLYEHL HAYVRRKLM
TYPYSISPTG CLPAHLLGDM WGRFWTNLYP LTVPFAQKPN IDVTDAMMNQ
GWAERIFQE AEKFFVSVGL PHMTQGFWAN SMLTEPADGR KVVCHPTAWD
LGHGDFRIKM CTKVTMDNFL TAHHEMGGHIQ YDMAYARQPF LLRNGANEGF
HEAVGEIMSL SAATPKHLKS IGLLPADFQE DSETEINFLL KQALTIVGTL
PFTYMLEKWR WMVFRGEIPK EQWMKKWEM KREIVGVVEP LPHDETYCDP
ASLFHVSNDY SFIRYYTRTI YQFQFQEALC QAAKYNGSLH KCDISNSTEA
GQKLLKMLSL GNSEPWTKAL ENVVGARNMD VKPLLNYFQP LFDWLKEQNR
NSFVGWTEW SPYADQSIKV RISLKSALGA NAYEWTNNEM FLFRSSVAYA
MRKYFSIIKN QTVPFLEEDV RVSDLKPRVS FYFFVTSPQN VSDVIPRSEV
EDAIRMSRGR INDVFGLNND SLEFLGIHPT LEPPYQPPVT
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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

CGAAGTGGTCAAGTCAGATGACTTTGGGGTCAGTATGATGAGCCTTATGCGTAGGAGGAGTGTGGATTCCTGACATGCGGCAATGGAGTCGCTGCGATTTGAGGATGCGGGAGTTGGCAATCGAOCCTTGATGTTTGCAGATCAACAGAGCTATGAGATGATAGGC

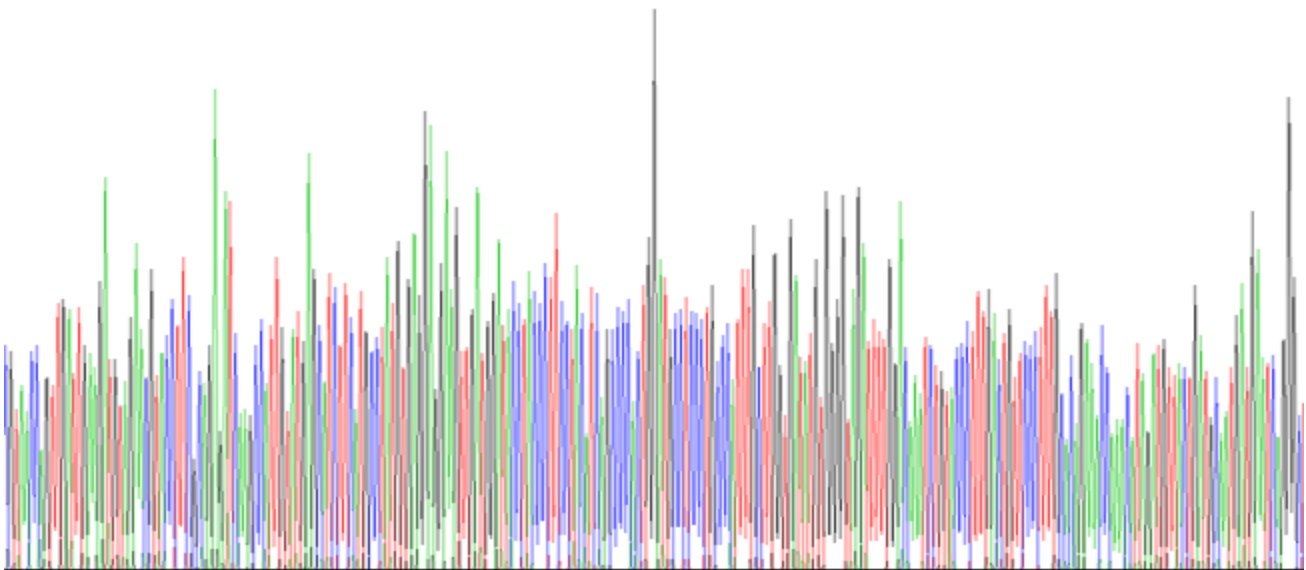


Figure. SDS-PAGE

[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.