Eukaryotic Angiotensin I Converting Enzyme 2 (ACE2) Instruction Manual

SFPB278Ra61

Rattus norvegicus (Rat)

Source	Eukaryotic expression
Host	293F cell
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	87.2kDa
Accurate Molecular Mass	87kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~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	5.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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

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

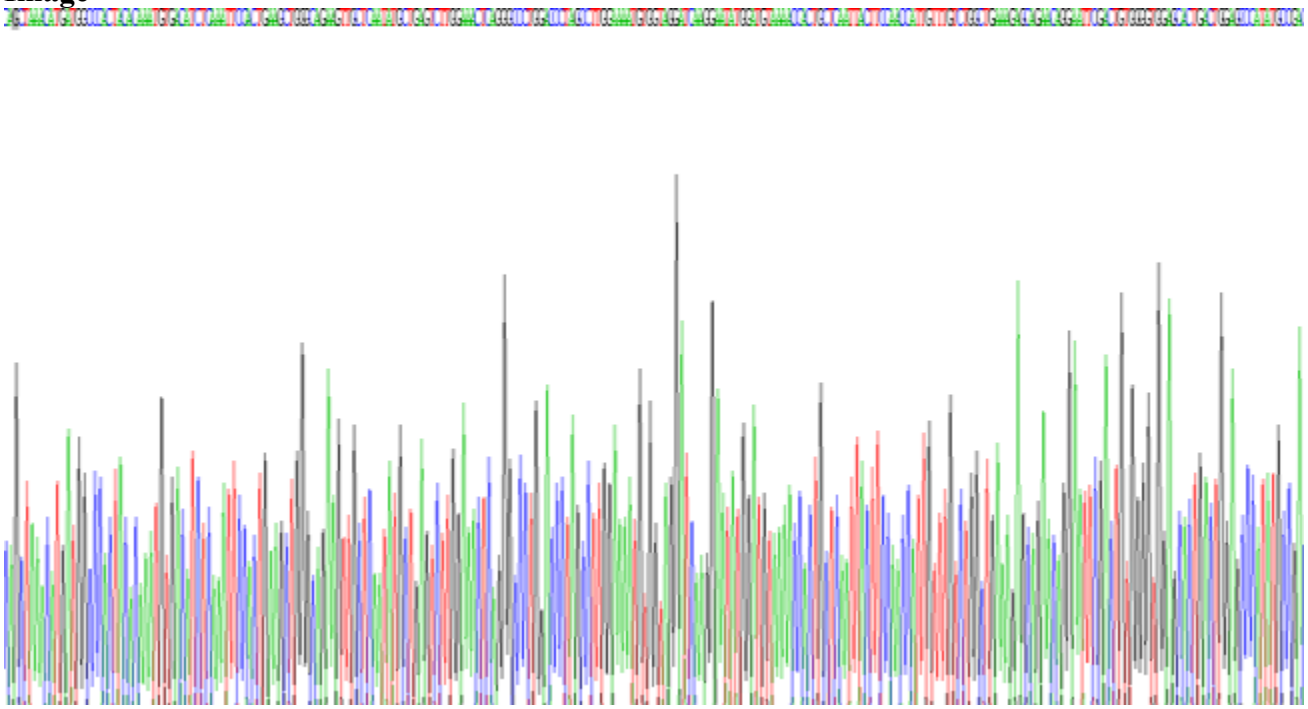

Figure. SDS-PAGE

[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.