Recombinant Renalase (RNLS) Instruction Manual

SIPC390Hu03

Homo sapiens (Human)

Source Prokaryotic expression

Host E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular LocationSecretedPredicted Molecular Mass66.2kDa

Accurate Molecular Mass 66kDa(Analysis of differences refer to the manual)

Residues & Tags Ala18~Ile342 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 6.1

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

SEQUENCE

ALL RRQTSGPLYL AVWDKAEDSG GRMTTACSPH
NPQCTADLGA QYITCTPHYA KKHQRFYDEL LAYGVLRPLS SPIEGMVMKE
GDCNFVAPQG ISSIIKHYLK ESGAEVYFRH RVTQINLRDD KWEVSKQTGS
PEQFDLIVLT MPVPEILQLQ GDITTLISEC QRQQLEAVSY SSRYALGLFY
EAGTKIDVPW AGQYITSNPC IRFVSIDNKK RNIESSEIGP SLVIHTTVPF
GVTYLEHSIE DVQELVFQQL ENILPGLPQP IATKCQKWRH SQVTNAAANC
PGQMTLHHKP FLACGGDGFT QSNFDGCITS ALCVLEALKN YI

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



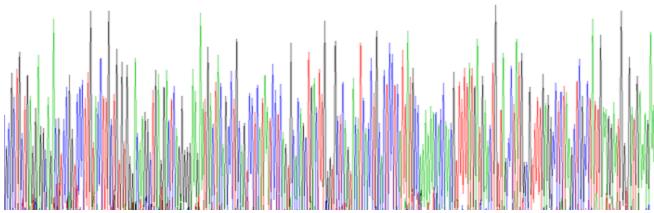


Figure. SDS-PAGE

[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.