Recombinant Carcinoembryonic Antigen (CEA) Instruction Manual

SIPA092Mu02

Mus musculus (Mouse)

Source Prokaryotic expression

Host E.coli

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

Subcellular LocationMembranePredicted Molecular Mass26.3kDa

Accurate Molecular Mass 20kDa(Analysis of differences refer to the manual)

Residues & Tags Pro544~Pro771 with N-terminal His Tag

100mMNaHCO₃, 500mMNaCl, pH8.3, containing 1mM

Buffer Formulation EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and

Proclin300.

Traits Freeze-dried powder

Purity > 97% Isoelectric Point 6.0

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

SEQUENCE

PAYKSHT

SKIVEYHRFT DSATVGAAYR GIEVIFTNGS MVMIDVTEDD AGFYMLEILR EDFKVEKAYV QLHVNSFVPN SKVSVSTARL SIESVPPSIV GGESVLLLVH NLPKNLQSLF WYKGVIAEEK SELIQHIIAT SSSLPGPAHS GRETVYSNGS LLLQRVMQND TGFYTLLTMS TDLKDEIAHV QLQLDTSTCC SLLTSDQLII VPVPRNIAVG KSVLLLVCNV P

USAGE

Reconstitute in 100mM NaHCO3, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

STORAGE

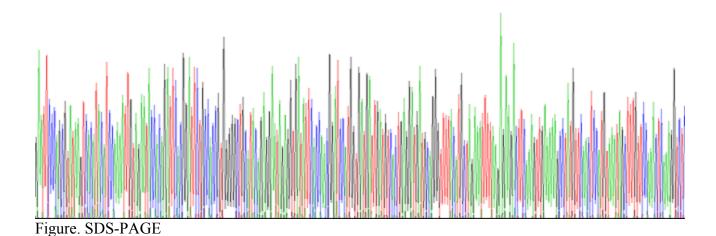
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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.

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[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.