Recombinant Calcium/Calmodulin **Dependent Protein Kinase Kinase 2** (CAMKK2) Instruction Manual

SIPL947Hu01

Homo sapiens (Human)

Source Prokaryotic expression

Host E.coli

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

Subcellular Location Nucleus, Cytoplasm

Predicted Molecular Mass 40.1kDa

Accurate Molecular Mass 43kDa(Analysis of differences refer to the manual)

Residues & Tags Met1~Gly332 with N-terminal His Tag

20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, **Buffer Formulation**

1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

Traits Freeze-dried powder

> 95% **Purity** 6.5 **Isoelectric Point**

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

SEQUENCE

MSSCVSSQPS SNRAAPQDEL GGRGSSSSES QKPCEALRGL SSLSIHLGME SFIVVTECEP GCAVDLGLAR DRPLEADGQE VPLDTSGSQA RPHLSGRKLS LOERSOGGLA AGGSLDMNGR CICPSLPYSP VSSPOSSPRL PRRPTVESHH VSITGMODCV QLNQYTLKDE IGKGSYGVVK LAYNENDNTY YAMKVLSKKK LIROAGFPRR PPPRGTRPAP GGCIOPRGPI EOVYOEIAIL KKLDHPNVVK LVEVLDDPNE DHLYMVFELV NOGPVMEVPT LKPLSEDOAR FYFODLIKGI

EYLHYOKIIH RDIKPSNLLV GEDGHIKIAD FG

USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

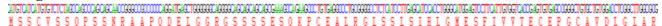
STORAGE

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



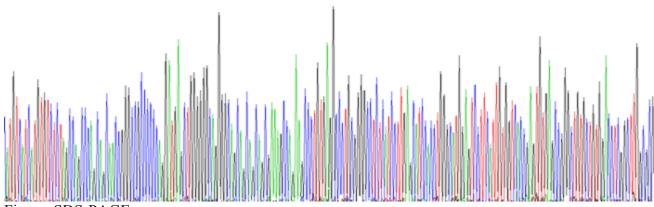


Figure. SDS-PAGE

[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.