Recombinant Calcium/Calmodulin Dependent Protein Kinase II Beta (CAMK2b) Instruction Manual

SIPD223Hu01

Homo sapiens (Human)

Source Prokaryotic expression

Host E.coli

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

Subcellular LocationCytoplasmPredicted Molecular Mass38.0kDa

Accurate Molecular Mass 38kDa(Analysis of differences refer to the manual)

Residues & Tags Met1~Lys301 with N-terminal His Tag

Buffer Formulation PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Traits Freeze-dried powder

Purity > 80% Isoelectric Point 7.7

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

SEQUENCE

MATTVTCTRF TDEYQLYEDI GKGAFSVVRR CVKLCTGHEY AAKIINTKKL SARDHQKLER EARICRLLKH SNIVRLHDSI SEEGFHYLVF DLVTGGELFE DIVAREYYSE ADASHCIQQI LEAVLHCHQM GVVHRDLKPE NLLLASKCKG AAVKLADFGL AIEVQGDQQA WFGFAGTPGY LSPEVLRKEA YGKPVDIWAC GVILYILLVG YPPFWDEDQH KLYQQIKAGA YDFPSPEWDT VTPEAKNLIN QMLTINPAKR ITAHEALKHP WVCQRSTVAS MMHRQETVEC LKKFNARRKL K

USAGE

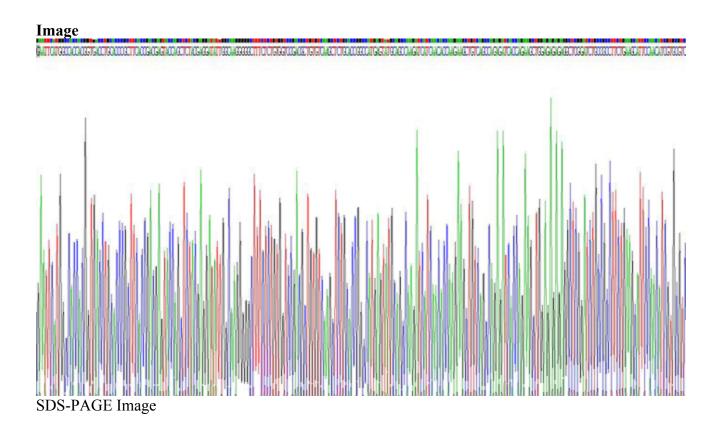
Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

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.



[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.