

Recombinant Casein Kinase 1 Delta (CSNK1d) Instruction Manual

SIPD644Hu01

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	50.5KDa
Accurate Molecular Mass	51kDa(Analysis of differences refer to the manual)
Residues & Tags	Met1~Lys409 with N-terminal His Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	9.7
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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MELRVGNRYR LGRKIGSGSF GDIYLGTDIA AGEEVAIKLE CVKTKHPQLH  
IESKIYKMMQ GGVGIPTIRW CGAEGDYNVM VMELLGPSLE DLFNFCSRKF  
SLKTVLLLD QMISRIEYIH SKNFIHRDVK PDNFLMGLGK KGNLVYIIDF  
GLAKKYRDAR THQHIPPYREN KNLTGTARYA SINTHLGIEQ SRRDDLES LG  
YVLMYFNLGS LPWQGLKAAT KRQKYERISE KKMSTPIEVL CKGYPSEFAT  
YLNFCRSLRF DDKPDYSYLR QLFRNLFHRQ GFSYDYVFDW NMLKFGASRA  
ADDAERERRD REERLRHSRN PATRGLPSTA SGRLRGTEV APPTPLTPTS  
HTANTSPRPV SGMERERKVS MRLHRGAPVN ISSSDLTGRQ DTSRMSTSQN  
SIPFEHHGK
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USAGE

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

STORAGE

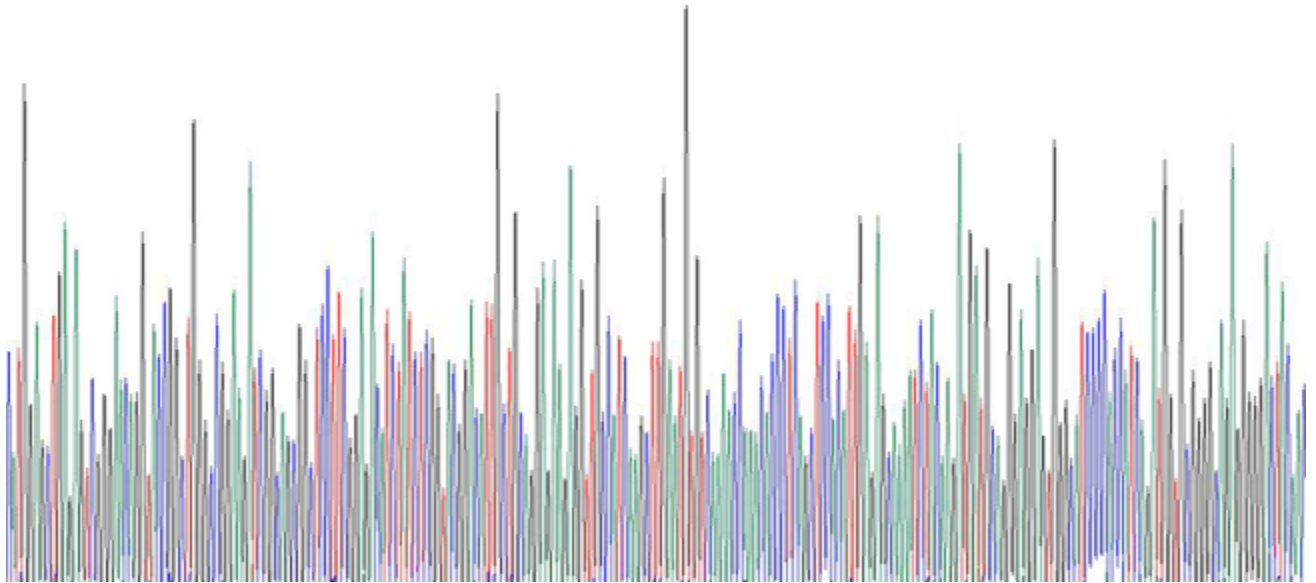
Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

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.

Image

DNHSEITSGSGLTGGHAGEAUGGTEGGTGGAGTGGAGGGTDTGGGGDTCTATGGFAGGGATGTFAGSSGAGGTTGTCAGTGGHEFGALMAGMCCITGATGATGTFAGGQAHITCAGSTGTFAGGGGAGGGAGGGHAGTDTGDTGGTGGGGGGTGGGGGGTGGH
NELRVGHRTRLGRKIGSGSPGDIYLGTDIAAGEEVAIKLECVKIKHPQLHIESKIYKMMQGGVGIPTIRWCAGEDYK



SDS-PAGE Image

[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.

