

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
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	> 95%
Isoelectric Point	6.5
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

```
MSSCVSSQPS SNRAAPQDEL GGRGSSSSES QKPCEALRGL SLSIHLGME  
SFIVVTECEP GCAVDLGLAR DRPLEADGQE VPLDTSQSQA RPHLSGRKLS  
LQERSQGGLA AGGSLDMNGR CICPSLPYSP VSSPQSSPRL PRRPTVESHH  
VSITGMQDCV QLNQYTLKDE IGKGSYGVVK LAYNENDNTY YAMKVLSSKK  
LIRQAGFPRR PPRGTRPAP GGCIQPRGPI EQVYQEIAIL KKLDHPNVVK  
LVEVLDDPNE DHLVMVFELV NQGPVMEVPT LKPLSEDQAR FYFQDLIKGI  
EYLHYQKIIH 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.

