Recombinant Checkpoint Kinase 1 (CHEK1)

Catalog No.：TP09063 50μg

Sequence Information

Species： Mouse **Gene ID:12649**

Swiss Prot:O35280 **Synonyms:CHK1; Cell cycle checkpoint kinase; Serine/threonine-protein kinase Chk1**

Residues: Cys194~Gly446

CGIVLTAMLAGELPWDQPSDSCQEYSDWKEKKTYLNPWKKIDSAPLALLHKILVETPSARITIPDIKKDRWYNKPLNRG
AKRPRATSGGMSESSSGFSKHIHSNLDFSPVNNGSSEETVKFSSSQPEPRTGLSLWDTGPSNVDKLVQGISFSQPTCPE
HMLVNSQLLGTPGSSQNPWQRLVKRMTRFFTKLDADKSYQCLKETFEKLGYQWKKSCMNQVTVSTTDRRNNKLIFKINL
VEMDEKILVDFRLSKG

Product Information

Source: Prokaryotic expression.

Host: *E. coli*

Tags: N-terminal His Tag

Subcellular Location: Nucleus. Cytoplasm,cytoskeleton, microtubule organizing center,centrosome

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS pH7.2, 0.01% sarcosyl, 5%Trehalose .

Original Concentration: 200μg/mL

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

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 9.4

Predicted Molecular Mass: 32.5kDa

Accurate Molecular Mass: 33kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in PBS pH7.2 or ddH2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: 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.

[IDENTIFICATION]

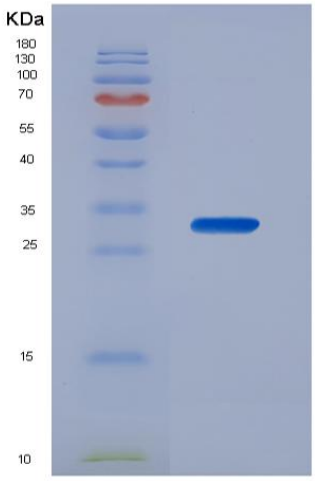

Figure 1 . SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.