

RPC522Mu01 1

Recombinant Hemopoietic Cell Kinase (HCK)

Organism Species: *Mus musculus* (Mouse)

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Gly2~Pro524

Tags: N-terminal His Tag

Subcellular Location: Membrane, Lysosome, Cytoplasm

Purity: > 97%

Traits: Freeze-dried powder

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

Original Concentration: 100µg

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: 6.9

Predicted Molecular Mass: 62.7kDa

Accurate Molecular Mass: 63kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

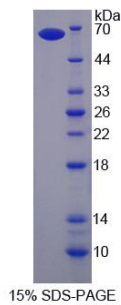
Aliquot and store at -80°C for 12 months.

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.

[SEQUENCE]

GGRSSCEDP GCPRSEGRAP RMGCVKSRFL RDGSKASKTE PSANQKGPVY VPDPTSSSKL
GPNNNSMPP GFVEGSEDTI VVALYDYEAI HREDLSFQKG DQMVVLEEAG EWWKARSLAT
KKEGYIPSNY VARVNSLETE EWFFKGISRK DAERHLLAPG NMLGSFMIRD SETTKGSYSL
SVRDFDPQHG DTVKHYKIRT LDSGGFYISP RSTFSSLQEL VLHYKKGKDG LCQKLSVPCV
SPKPQKPWEK DAVEIPRESL QMEKKGAGQ FGEVWMATYN KHTKVAVKTM KPGSMSVEAF
LAEANLMKSL QHDKLVKLHA VVSQEPIFIV TEFMAKGSLL DFLKSEEGSK QPLPKLIDFS
AQISEGMAFI EQRNYIHRDL RAANILVSAS LVCKIADFGL ARIIEDNEYT AREGAKFFIK
WTAPEAINFG SFTIKSDVWS FGILLMEIVT YGRIPYFGMS NPEVIRALEH GYRMPRPDNC
PEELYNIMIR CWKNRPEERP TFEYIQSVLD DFYTATESQY QQQP

[IDENTIFICATION]



[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.