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YBC522Hu01 100 $\mu$ g

Recombinant Hemopoietic Cell Kinase (HCK)

Organism Species: Homo sapiens (Human)

*Instruction manual*

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan, 2014)

## [ PROPERTIES ]

Residues: Gly2~Pro526

Tags: Two N-terminal Tags, His-tag and T7-tag

Accession: P08631

Host: *E. coli*

Subcellular Location: Lysosome. Membrane; Lipid-anchor

Cell projection, podosome membrane; Lipid-anchor.

Cytoplasm, cytosol.

Purity: >95%

Endotoxin Level: <1.0EU per 1 $\mu$ g (determined by the LAL method).

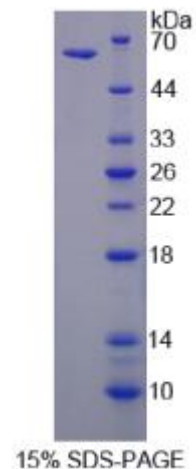
Formulation: Supplied as lyophilized form in PBS,

pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Predicted isoelectric point: 6.3

Predicted Molecular Mass:

63.2kDa





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Applications: SDS-PAGE; WB; ELISA; IP.

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

### [ USAGE ]

Reconstitute in sterile PBS, pH7.2-pH7.4.

### [ 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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

### [ SEQUENCES ]

The sequence of the target protein is listed below.

GGRSSCEDP GCPRDEERAP RMGCMKSKFL QVGGNTFSKT ETSASPHCPV YVPDPTSTIK  
PGPNSHNSNT PGIREAGSED IIVALDYDYE AIHHEDLSFQ KGDQMVVLEE SGEWWKARSL  
ATRKEGYIPS NYVARVDSLE TEEWFFKGIS RKDAERQLLA PGNMLGSFMI RDESETTKGSY  
SLSVRDYDPR QGDTVYKHYKI RTLDNGGFYI SPRSTFSTLQ ELVDHYKKGN DGLCQKLSVP  
C M S S K P Q K P W E K D A W E I P R E S L K L E K K L G A G Q F G E V W M A T Y N K H T K V A V K  
TMKPGSMSVE AFLAEANVMK TLQHDKLVKL HAVVTKEPIY IITEFMAKGS LLDFLKSDEG  
SKQPLPKLID FSAQIAEGMA FIEQRNYIHR DLRAANILVS ASLVCKIADF GLARVIEDNE  
YTAREGAKFP IKWTAPEAIN FGSFTIKSDV WSFGILLMEI VTYGRIPYPG MSNPEVIRAL  
ERGYRMPRPE NCPPELYNIM MRCWKNRPEE RPTFEYIQSV LDDFYTATES QYQQQP