

Recombinant Hemopoietic Cell Kinase (HCK) Instruction Manual

SIPC235Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Lysosome, Cytoplasm
Predicted Molecular Mass	63.2kDa
Accurate Molecular Mass	63kDa(Analysis of differences refer to the manual)
Residues & Tags	Gly2~Pro526 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	6.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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GGRSSCEDP GCPRDEERAP RMGCMKSKFL QVGGNTFSKT ETSASPHCPV
YVPDPTSTIK PGPNSHNSNT PGIREAGSED IIVVALYDYE AIHHEDLSFQ
KGDQMVVLEE SGEWVKARSL ATRKEGYIPS NYVARVDSLE TEWFFKGIS
RKDAERQLLA PGNMLGSFMI RDSETTKGSY SLSVRDYDPR QGDTVKHYKI
RTLNDGGFYI SPRSTFSTLQ ELVDHYKKN GDLGCQKLSVP CMSSKPQKPW
EKDAWEIPRE SLKLEKKLGA GQFGEVWMAT YNKHTKVAVK TMKPGSMSVE
AFLAEANVMK TLQHDKLVKL HAVVTKEPIY IITEFMAKGS LLDFLKSDEG
SKQPLPKLID FSAQIAEGMA FIEQRNYIHR DLRAANILVS ASLVCKIADF
GLARVIEDNE YTAREGAKFP IKWTAPEAIN FGSFTIKSDV WSGILLMEI
VTYGRIPYPG MSNPEVIRAL ERGYRMPRPE NCPEELYNIM MRCWKNRPEE
RPTFEYIQSV LDDFYTATES QYQQQP
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USAGE

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

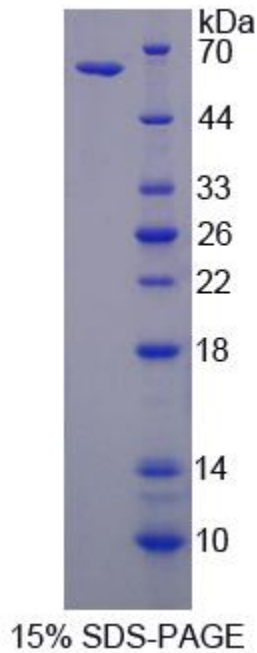
STORAGE

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



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.