

Recombinant Cytokeratin 5 (CK5) Instruction Manual

SIPA792Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	n/a
Predicted Molecular Mass	37.6kDa
Accurate Molecular Mass	33kDa(Analysis of differences refer to the manual)
Residues & Tags	Arg163~Glu471 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.3
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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REIQIKTLN NKFASFIDKV RFLEQQNKVL DTKWALLQEQ  
GKTIKQNLDP LFEQYINNL RRQLDGVLGE RGRLDSELRN MQDLVEDYKN  
KYEDEINKRT TAENEFVMLK KDVDAAVMNK VELEARVDAL MDEINFMKMF  
FDAELSQMQT HVS DTSVVLS MDNNRSLDLD SIIAEVKAQY EDIANRSRTE  
AESWYQTKYE ELQQTAGRHG DDLRNTKHEI SEMNRMIQRL RSEIDNVKKQ  
CANLQNAIAE AEQRGELALK DARNKLTELE EALQKAKQDM ARLLREYQEL  
MNTKLALDVE IATYRKLLEG E
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USAGE

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

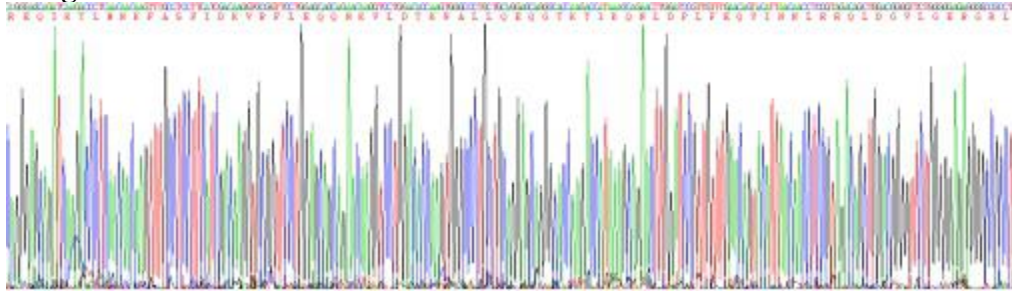
STORAGE

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.