

RPB231Hu02 10µg

Recombinant Cytokeratin 18 (CK18)

Organism Species: *Homo sapiens (Human)*

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: Ser2~His430

Tags: N-terminal His Tag

Subcellular Location: Nucleus

Purity: > 80%

Traits: Freeze-dried powder

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

Original Concentration: 250µg/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: 5.1

Predicted Molecular Mass: 51.6kDa

Accurate Molecular Mass: 52kDa 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]

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SFTTRSTFS  TNYRSLGSVQ  APSYGARPVS  SAASVYAGAG  GSGSRISVSR
STSFRRGMSG  GGLATGIAGG  LAGMGGIQNE  KETMQSLNDR  LASYLDRVRS
LETENRRLES  KIREHLEKKG  PQVRDWSHYF  KIIEDLRAQI  FANTVDNARI
VLQIDNARLA  ADDFRVKYET  ELAMRQSVEN  DIHGLRKVID  DTNITRLQLE
TEIEALKEEL  LFMKKNHEEE  VKGLQAQIAS  SGLTVEVDAP  KSQDLAKIMA
DIRAQYDELA  RKNREELDKY  WSQQIEESTT  VVTTQSAEVG  AAETTLTELR
RTVQSLEIDL  DSMRNLKASL  ENSLREVEAR  YALQMEQLNG  ILLHLESELA
QTRAEGQRQA  QEYEALLNIK  VKLEAEIATY  RRLLEDGEDF  NLGDALDSSN
SMQTIQKTTT  RRIVDGKVVS  ETNDTKVLRH
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[IDENTIFICATION]

GAATTCAAGCTTCACACTCGCTCCACCTTCTGCACTAAGGTCCTGGGCTCTGTCCAGGGGCGCAAGCTACGGGCGCCGCGCGGTCAAGCAGCGCGGCGCAAGCGTCTATGCAAGCGCTGGGGGCTCTGGTTCCCGGATCTCGSTGTCCCGCTCCACCAAGCTTCAAGGGCGGCATGGG

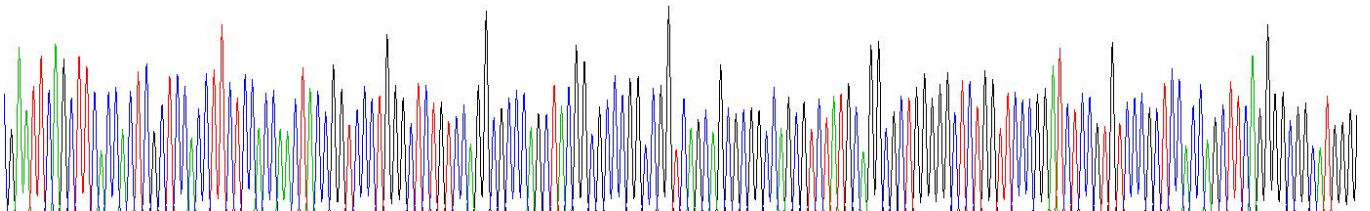


Figure . Gene Sequencing (extract)

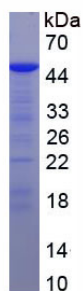


Figure. SDS-PAGE

[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.