

RPB239Mu01 200µg

Recombinant Cytokeratin 19 (CK19)

Organism Species: Mus musculus (Mouse)

Instruction manual

FOR RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)



[PROPERTIES]

Source: Prokaryotic expression

Host: E.coli

Residues: Met1~lle403

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 90%

Traits: Freeze-dried powder

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

Original Concentration: 100µg/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: 5.6

Predicted Molecular Mass: 45.8kDa

Accurate Molecular Mass: 46kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O 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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MTSYSYRQTS AMSSFGGTGG GSVRIGSGGV FRAPSIHGGS GGRGVSVSST
RFVTSSSGSY GGVRGSFSG TLAVSDGLLS GNEKITMQNL NDRLASYLDK
VRALEQANGE LEVKIRDWYQ KQGPGPSRDY NHYFKTIEDL RDKILGATID
NSKIVLQIDN ARLAADDFRT KFETEHALRL SVEADINGLR RVLDELTLAR
TDLEMQIESL KEELAYLKKN HEEEITALRS QVGGQVSVEV DSTPGVDLAK
ILSEMRSQYE IMAEKNRKDA EATYLARIEE LNTQVAVHSE QIQISKTEVT
DLRRTLQGLE IELQSQLSMK AALEGTLAET EARYGVQLSQ IQSVISGFEA
QLSDVRADIE RQNQEYKQLM DIKSRLEQEI ATYRSLLEGQ EAHYNNLPTP
KAI
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[IDENTIFICATION]

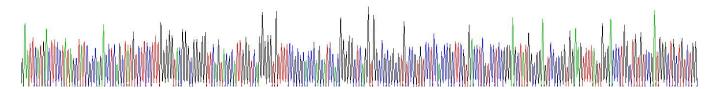


Figure . Gene Sequencing (extract)

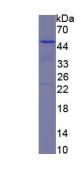


Figure. SDS-PAGE

[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.