

RPC210Mu01 100µg
Recombinant Histone Deacetylase 2 (HDAC2)
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~Pro488

Tags: N-terminal His Tag

Subcellular Location: Cytoplasm

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 5%Trehalose.

Original Concentration: 200µg/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: 5.7

Predicted Molecular Mass: 59.1kDa

Accurate Molecular Mass: 60kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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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MAYSQGGGKK KVCYYYDGGDI GNYYYGQGHF MKPHRIRMTH NLLLNLYGLYR
KMEIYRPHKA TAEEMTKYHS DEYIKFLRSI RPDNMSEYSK QMQRFNVED
CPVFDGLFEF CQLSTGGSVA GAVKLNRRQT DMAVNWAGGL HHAKKSEASG
FCYVNDIVLA ILELLKYHQR VLYIDIDIHH GDGVEEAFYT TDRVMTVSFH
KYGEYFPGTG DLRDIGAGKG KYYAVNFPMR DGIDDESYGQ IFKPIISKVM
EMYQPSAVVL QCGADSLSGD RLGCFNLTVK GHAKCVEVVK TFNLPLMLG
GGYTIRNVA RCWTYETAVA LDCEIPNELP YNDYFEYFGP DFKLHISPSN
MTNQNTPEYM EKIKQRLFEN LRMLPHAPGV QMQAIPEDAV HEDSGDEDGE
DPDKRISIRA SDKRIACDEE FSDSEDEGEG GRRNVADHKK GAKKARIEED
KKETEDKKT D VKEEDKSKDN SGEKTDPKGA KSEQLSNP
  
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[IDENTIFICATION]

AGATCGAGGCGTACGTCAGGAGCGGCAAAAGAGCTGCTCTCTGAGCGGCGATATGGAAATATATATATGAGCGAGGCGATCCCATGAAAGCTCTAGGATCCGATGCGCATATCTTCTGTTAAATATATGCTTATGCGATATGCGAAATGGAAATATATAAGCCCGTAAAGCCACTGCGAGGATGCAAAATATCGAGTGTGATATCAAAATTTCTCGGCGATA

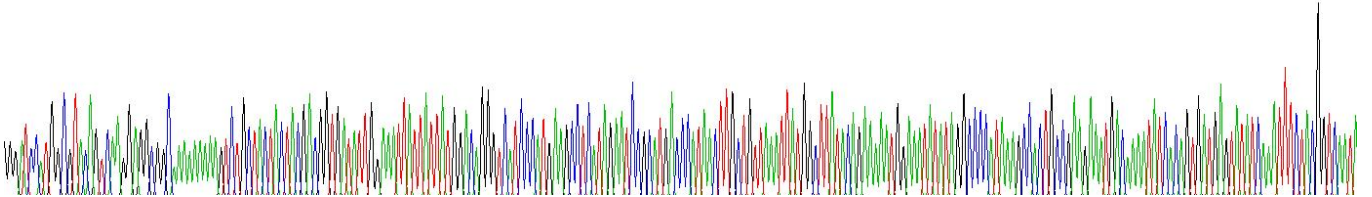


Figure . Gene Sequencing (extract)

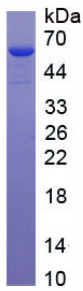


Figure. SDS-PAGE

[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.