

RPC210Mu01 200µg

Recombinant Histone Deacetylase 2 (HDAC2)

Organism Species: *Mus musculus* (Mouse)

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: 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% Sarcosyl, 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: 5.7

Predicted Molecular Mass: 59.1kDa

Accurate Molecular Mass: 60kDa 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]

MAYSQGGGKK	KVCYYYDGGDI	GNYYYGQGHP	MKPHRIRMTH	NLLLNLYGLYR
KMEIYRPHKA	TAEEMTKYHS	DEYIKFLRSI	RPDNMSEYSK	QMQRFNVGED
CPVFDGLFEF	CQLSTGGSVA	GAVKLNRRQT	DMAVNWAGGL	HHAKKSEASG
FCYVNDIVLA	ILELLKYHQR	VLYIDIDIHH	GDGVEEAFYT	TDRVMTVSFH
KYGEYFPGTG	DLRDIGAGKG	KYYAVNFPMR	DGIDDESYGQ	IFKPIISKVM
EMYQPSAVVL	QCGADSLSGD	RLGCFNLTVK	GHAKEVEVVK	TFNLPLMLMG
GGGYTIRNVA	RCWTYETAVA	LDCEIPNELP	YNDYFEYFGP	DFKLHISPSN
MTNQNTPEYM	EKIKQRLFEN	LRMLPHAPGV	QMQAIPEDAV	HEDSGDEGGE
DPDKRISIRA	SDKRIACDEE	FSDSEDEGEG	GRRNVADHKK	GAKKARIEED
KKETEDKKT	VKEEDKSKDN	SGEKTDPKGA	KSEQLSNP	

[IDENTIFICATION]

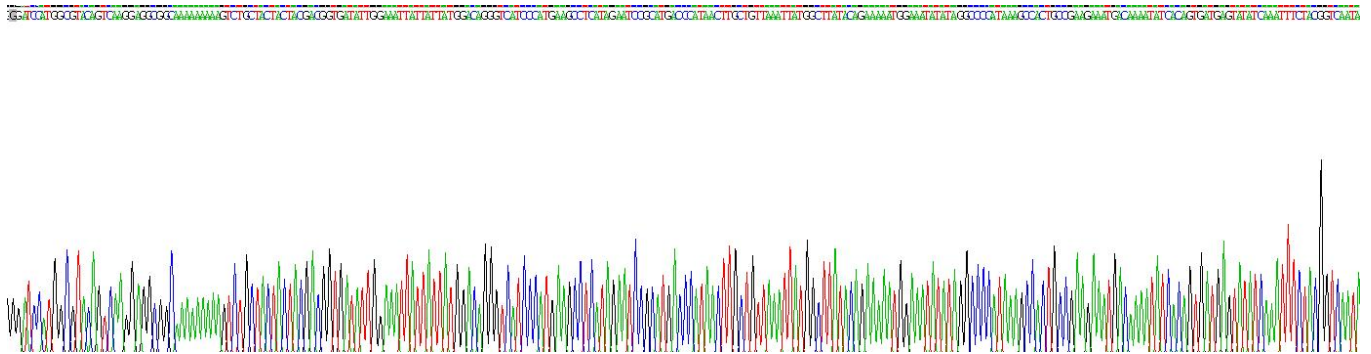


Figure . Gene Sequencing (extract)

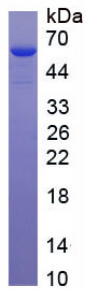


Figure. SDS-PAGE

[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.