

RPE903Hu01 10µg

Recombinant Histone Deacetylase 3 (HDAC3)

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: Met1~Ile428

Tags: N-terminal His Tag

Subcellular Location: Nucleus, Cytoplasm

Purity: > 80%

Traits: Freeze-dried powder

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

Original Concentration: 50µg/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: 5.0

Predicted Molecular Mass: 52.5kDa

Accurate Molecular Mass: 53kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.2 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]

MAKTVAYFYD PDVGNFHYGA GHMPKPHRLA LTHSLVLHYG LYKKMIVFKP
YQASQHDMCR FHSEDYIDFL QRVSPNTMQG FTKSLNAFNV GDDCPVFPGL
FEFCSRYTGA SLQGATQLNN KICDIAINWA GGLHHAKKFE ASGFCYVNDI
VIGILELLKY HPRVLYIDID IHHGDGVQEA FYLTDRVMTV SFHKYGNVFF
PGTGDMYEVG AESGRYYCLN VPLRDGIDDQ SYKHLFQPVI NQVVDFYQPT
CIVLQCGADS LGCDRLGCFN LSIRGHGECV EYVKSFNIP LVLGGGGYTV
RNVARCWYE TSLLEVEAIS EELPYSEYFE YFAPDFTLHP DVSTRIENQN
SRQYLDQIRQ TIFENLKMLN HAPSVQIHDV PADLLTYDRT DEADAEERGP
EENYSRPEAP NEFYDGDHDN DKESDVEI

[IDENTIFICATION]



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.