

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 ddH<sub>2</sub>O 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 ]



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MAKTVAYFYD PDVGNFHYGA GHPMKPHRLA LTHSLVLHYG LYKKMIVFKP YQASQHDMCR FHSEDYIDFL QRVSPTNMQG FTKSLNAFNV GDDCPVFPGL FEFCSRYTGA SLQGATQLNN KICDIAINWA GGLHHAKKFE ASGFCYVNDI VIGILELLKY HPRVLYIDID IHHGDGVQEA FYLTDRVMTV SFHKYGNYFF PGTGDMYEVG AESGRYYCLN VPLRDGIDDQ SYKHLFQPVI NQVVDFYQPT CIVLQCGADS LGCDRLGCFN LSIRGHGECV EYVKSFNIPL LVLGGGGYTV RNVARCWTYE TSLLVEEAIS EELPYSEYFE YFAPDFTLHP DVSTRIENQN SRQYLDQIRQ TIFENLKMLN HAPSVQIHDV PADLLTYDRT DEADAEERGP EENYSRPEAP NEFYDGDHDN DKESDVEI
```

### [ IDENTIFICATION ]

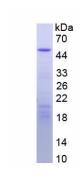


Figure. SDS-PAGE

# [ 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.