

RPA289Mi02 10µg

**Recombinant Histone H4 (H4)** 

Organism Species: Homo sapiens (Human), Mus musculus (Mouse), Rattus norvegicus (Rat), Cavia (Guinea pig ), Rhesus monkey (Simian), Felis catus; Feline (Cat), Canis familiaris; Canine (Dog), Sus scrofa; Porcine (Pig), Bos taurus; Bovine (Cattle), Equus caballus; Equine (Horse)

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: Ser2~Gly103

Tags: N-terminal His and GST Tag

Subcellular Location: Secreted, Chromosome

**Purity:** > 90%

Traits: Freeze-dried powder

**Buffer formulation:** 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% skl, 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: 11.9

Predicted Molecular Mass: 41.3kDa

**Accurate Molecular Mass:** 42kDa as determined by SDS-PAGE reducing conditions.

#### [USAGE]

Reconstitute in ddH<sub>2</sub>O to a concentration of 0.1-0.5 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 ]



SGRGKGGKG LGKGGAKRHR KVLRDNIQGI TKPAIRRLAR RGGVKRISGL IYEETRGVLK VFLENVIRDA VTYTEHAKRK TVTAMDVVYA LKRQGRTLYG FGG

## [ IDENTIFICATION ]

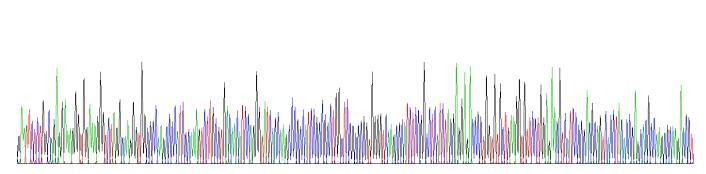


Figure . Gene Sequencing (extract)

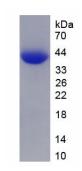


Figure. SDS-PAGE

# [ 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.