

RPQ849Ga01 1

Recombinant Histone Cluster 2, H3a (HIST2H3A)

Organism Species: *Chicken (Gallus)*

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: Ala2~Ala136

Tags: N-terminal His Tag

Subcellular Location: Nucleus, Chromosome

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 100µg

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: 11.1

Predicted Molecular Mass: 16.5kDa

Accurate Molecular Mass: 18kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) 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]

MGHHHHHSGSEF-ARTKQTARK STGGKAPRKQ LATKAARKSA PATGGVKKPH RYRPGTVALR EIRRYQKSTE
 LLIRKLPFQR LVREIAQDFK TDLRFQSSAV MALQEASEAY LVGLFEDTNL CAIHAKRVTI
 MPKDIQLARR IRGERA

[IDENTIFICATION]

TGCCTAGGAGGAGAGGCGGCTAAGTCGAGG99G99GAGG3CG00GCGAGCGCTG93CCACAGG99G300GCGAGAGCG00G9G0CAG99G9G0GTGAGAGGCGCGAG00GCTA00G900G9CAG9T930CCTGGGAGAT00G9G9CTAGCAGAGTCCAGGAGCTGTGTAT00GCGAGCTG00CTTCAGG0GCT
 A R T K Q T A R K S T G G K A P R K Q L A T K A A R K S A P A T G G V K K P H R Y R P G T V A L R E I R R Y Q K S T E L L I R K L P F Q R I

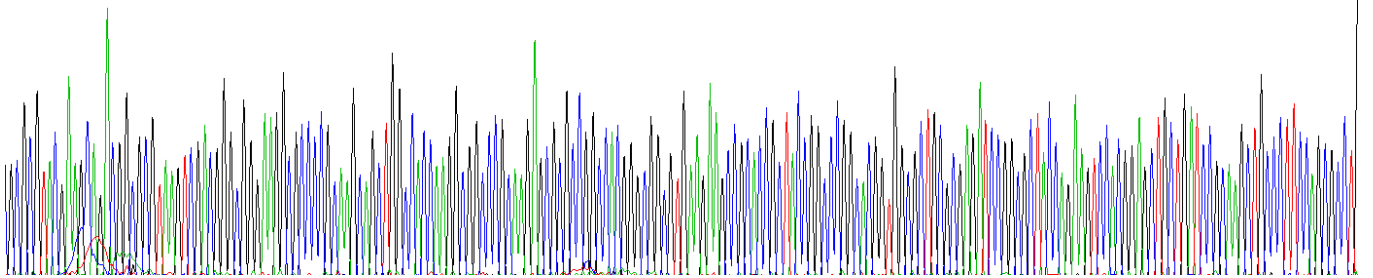
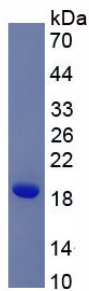


Figure. Gene Sequencing (Extract)



[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.