

RPQ000Hu01 50µg

Recombinant H2A Histone Family, Member X (H2AFX)

Organism Species: Homo sapiens (Human)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residuess: Ser2~Tyr143

Tags: N-terminal His and GST Tag

Tissue Specificity: Nucleus, Chromosome

Purity: > 95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200µg/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: 9.4

Predicted Molecular Mass: 45.0kDa

Accurate Molecular Mass: 45kDa 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]

SGRGKTGGK ARAKAKSRSS RAGLQFPVGR VHRLLRKGHY AERVGAGAPV
YLAAVLEYLT AEILELAGNA ARDNKKTRII PRHLQLAIRN DEELNKLLGG
VTIAQGGVLP NIQAVLLPKK TSATVGPKAP SGGKKATQAS QEY

[IDENTIFICATION]

:TGGGCGCGGAGCTGGCGGAGCGCGCGCGCGAGTGGCTGGTGGCGCGCGCGCTGGTTCCGAGTGGGCGGTGACGCGGCTGGCGGAGGCGCTACGCGGAGCGCGCTGGCGCGCGCGCGCGCTGGTACCTGGCGGAGTGGTGGAGTACCTGAGCTGGCGGAGTGGC
 S G R G K T G G K A R A K A K S R S S R A G L Q F P V G R V H R L L R K G H Y A E R V G A G A P V Y L A A V L E Y L T A E I L E L A G N A

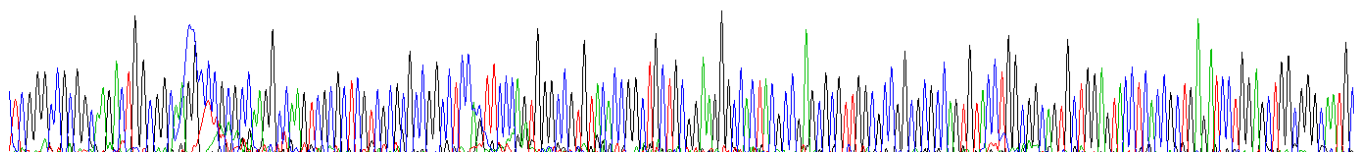


Figure. Gene Sequencing (Extract)

