

RPA843Hu01 50ug
Recombinant Gonadotropin Releasing Hormone (GnRH)
Organism Species: *Homo sapiens (Human)*
Instruction manual

FOR RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Gln24~Ile92

Tags: N-terminal His Tag

Subcellular Location: Secreted

Purity: > 95%

Traits: Freeze-dried powder

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

Original Concentration: 1500µg/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: 5.7

Predicted Molecular Mass: 13.6kDa

Accurate Molecular Mass: 16kDa 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]

QHWSYGL RPKGKRDAEN LIDSFQEIVK
EVGQLAETQR FECTTHQPRS PLRDLKGALE SLIEEETGQK KI

[IDENTIFICATION]

DAGCACTGGTCTATGGACTG3300CTGGAGAGGAGGAT3300GAAATTGATTGATTCTTCCAGGATGCTGAGAG331G510AACTG330AGAA00CAAGGCTTCGAAATGCA00GGAC00G00AGTCT000CT00G00CCTGAAAGGCTCTCGAAAGCTGATTGAGAGGAACTG330GAGAGGT
 Q H W S Y G L R P G G K R D A E N L I D S F Q E I V K E V G Q L A E T Q R F E C T T H Q P R S P L R D L K G A L E S L I E E E T G Q K K I

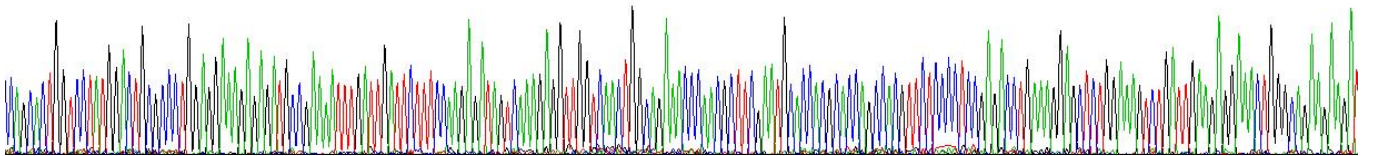
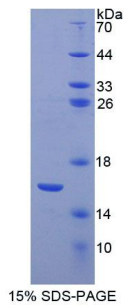


Figure. Gene Sequencing (Extract)



[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.