

RPC042Ra01 100µg

Recombinant Farnesoid X Receptor (FXR)

Organism Species: *Rattus norvegicus* (Rat)

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: Met1~Gln469

Tags: N-terminal His Tag

Subcellular Location: Nucleus

Purity: > 97%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 100µg/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: 6.0

Predicted Molecular Mass: 57.7kDa

Accurate Molecular Mass: 58kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O 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]

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MNLIGPSHLQ ATDEFALSEN LFGVLTEHAA GPLGQNL DLE SYSPYNNVQF
PQVQPQISS SYYSNLGFYP QQPEDWYSPG LYELRRMPTE SVYQGETEVS
EMPVTKKPRM AASSAGRIKG DELCVVCGDR ASGYHYNALT CEGCKGFFRR
SITKNAVYKC KNGGNCVMDM YMRRKCQDCR LRKCREMGML AECLLTEIQC
KSKRLRKNVK QHADQTVNED SEGRDLRQVT STTKLCREKT ELTVDQQTLL
DYIMDSYSKQ RMPQEITNKI LKEEFSAEEN FLILTEMATS HVQILVEFTK
RLPGFQTL DH EDQIALLKGS AVEAMFLRSA EIFNKKLPAG HADLLEERIR
KSGISDEYIT PMFSFYKSVG ELKMTQEEYA LLTAIVILSP DRQYIKDREA
VEKLQEPLLD VLQKLCCKIYQ PENPQHFACL LGRLTELRTF NHHHAEMLMS
WRVNDHKFTP LLCEIWDVQ
  
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[IDENTIFICATION]

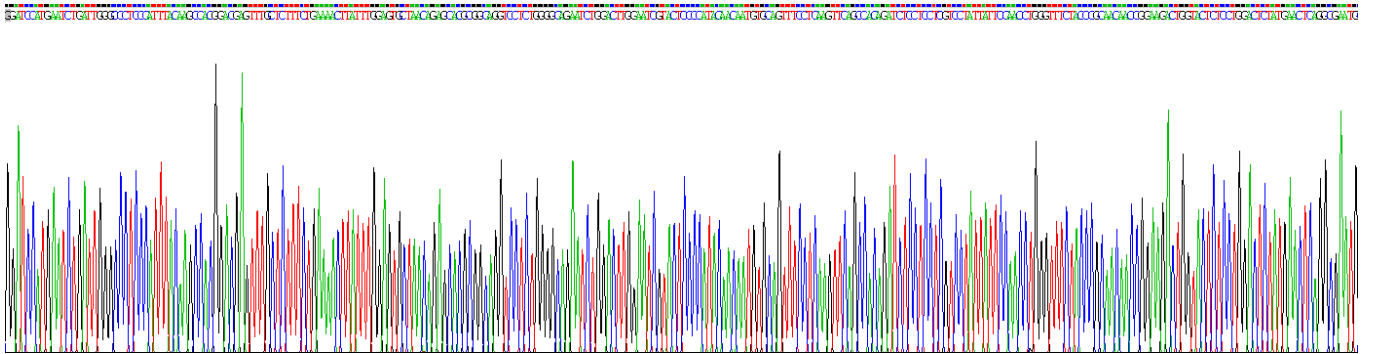


Figure . Gene Sequencing (extract)

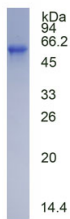


Figure. SDS-PAGE

[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.