

RPA437Mu01 10µg

Recombinant Estrogen Receptor Beta (ERb)

Organism Species: *Mus musculus* (Mouse)

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: Met46~Gln530

Tags: N-terminal His Tag

Subcellular Location: Nucleus

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.05% Sarcosyl, 1mM DTT, 5% Trehalose .

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: 8.9

Predicted Molecular Mass: 55.6kDa

Accurate Molecular Mass: 55kDa 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]

MTFYS
PAVMNYSVPS STGNLEGGPV RQTASPNVLW PTSQHLSPLA THCQSSLLYA
EPQKSPWCEA RSLEHTLPVN RETLKRKLGG SGCASPTSP SAKRDAHFCA
VCS DYASGYH YGVWSCEGCK AFFKR SIQGH NDYICPATNQ CTIDKNRRKS
CQACRLRKCY EVGMVKCGSR RERCGYRIVR RQRSASEQVH CLNKAKRTSG
HTPRVKELL NSLSPEQLVL TLLEAEPPNV LVSRPSMPFT EASMMMSLTK
LADKELVHMI GWAKKIPGFV ELSLLDQVRL LESCWMEVLM VGLMWRSIDH
PGKLIFAPDL VLDRDEGKCV EGILEIFDML LATTARFREL KLQHKEYLCV
KAMILLNSSM YPLATASQEA ESSRKLTHLL NAVTDALVWV ISKSGISSQQ
QSVRLANLLM LLSHVRHISN KGMEHLLSMK CKNVVPVYDL LLEMLNAHTL
RGYKSSISGS ECCSTEDSKS KEGSQNLQSQ

[IDENTIFICATION]

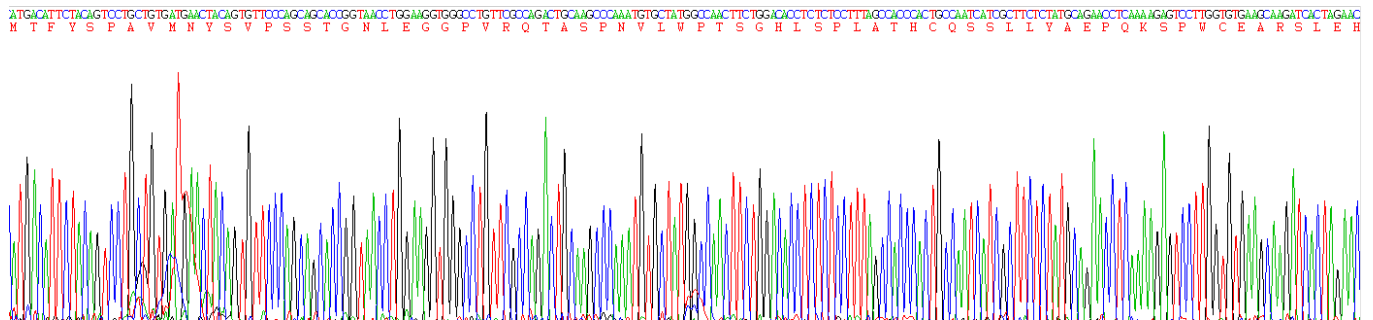
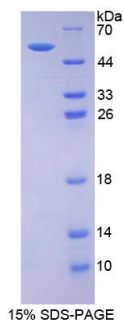


Figure. Gene Sequencing (Extract)



[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.