

Recombinant Estrogen Receptor Beta (ERb) Instruction Manual

SIPA776Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Nucleus
Predicted Molecular Mass	55.6kDa
Accurate Molecular Mass	55kDa(Analysis of differences refer to the manual)
Residues & Tags	Met46~Gln530 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 97%
Isoelectric Point	8.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

MTFYS
PAVMNYSVPS STGNLEGGPV RQTASPNVLW PTSGHLSPLA THCQSSLLYA
EPQKSPWCEA RSLEHTLPVN RETLKRKLG GSGCASPV TSP SAKRDAH FCA
VCSDYASGYH YGVWSCEGCK AFFKR SIQGH NDYICPATNQ CTIDKNRRKS
CQACRLRKCY EVGMVKCGSR RERCGYRIVR RQRSASEQVH CLNKAKRTSG
HTPRVKELL NSLSPEQLVL TLLEAEPPNV LVS RPSMPFT EASMMMSLTK
LADKELVHMI GWAKKIPGFV ELSLLDQVRL LES CWMEVLM VGLMWRSIDH
PGKLIFAPDL VLDRDEGKCV EGILEIFDML LATTARFREL KLOHKEYLCV
KAMILLNSSM YPLATASQEA ESSRKLTHLL NAVTDALVWV ISKSGISSQQ
QSVRLANLLM LLSHVRHISN KGMEHLLSMK CKNVVPVYDL LLEMLNAHTL
RGYKSSISGS ECCSTEDSKS KEGSQNLQSQ

USAGE

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

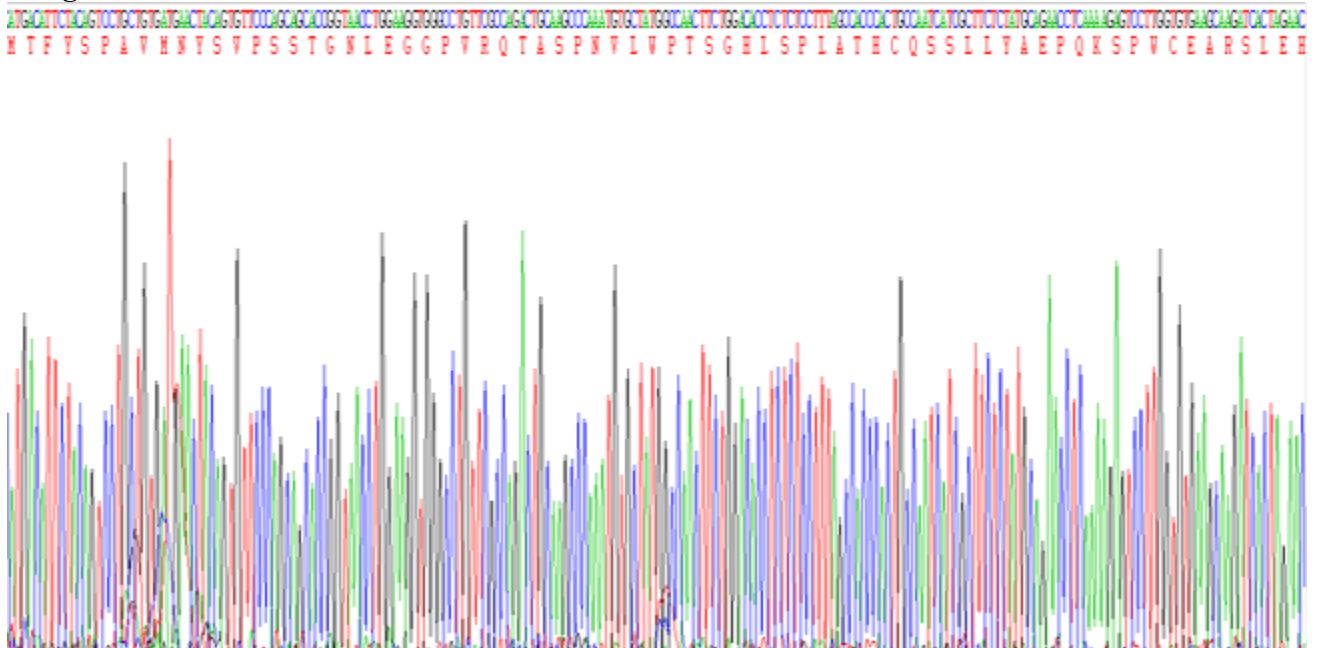
STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image



SDS-PAGE Image

[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.

