

Recombinant Insulin Receptor (INSR) Instruction Manual

SIPA575Mu01

Mus musculus (Mouse)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane, Lysosome
Predicted Molecular Mass	32.3kDa
Accurate Molecular Mass	36kDa(Analysis of differences refer to the manual)
Residues & Tags	Leu1101~Ser1372 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.5
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

LKSHLRSLRP DAENNPGRPP PTLQEMIQMT AEIADGMAYL NAKKRVHRDL
AARNCMVAHD FTVKIGDFGM TRDIYETDYY RKGKGLLPV RWMSPELKD
GVFTASSDMW SFGVVLWEIT SLAEQPYQGL SNEQVLKFMV DGGYLDPPDN
CPELTDLMR MCWQFNPKMR PTFLEIVNLL KDDLHPSFPE VSFFYSEENK
APESELEME FEDMENVPLD RSSHCQREEA GGREGGSSLS IKRTYDEHIP
YTHMNGGKKN GRVLTLPASN PS

USAGE

Reconstitute in ddH₂O to a concentration of 0.1-0.2 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

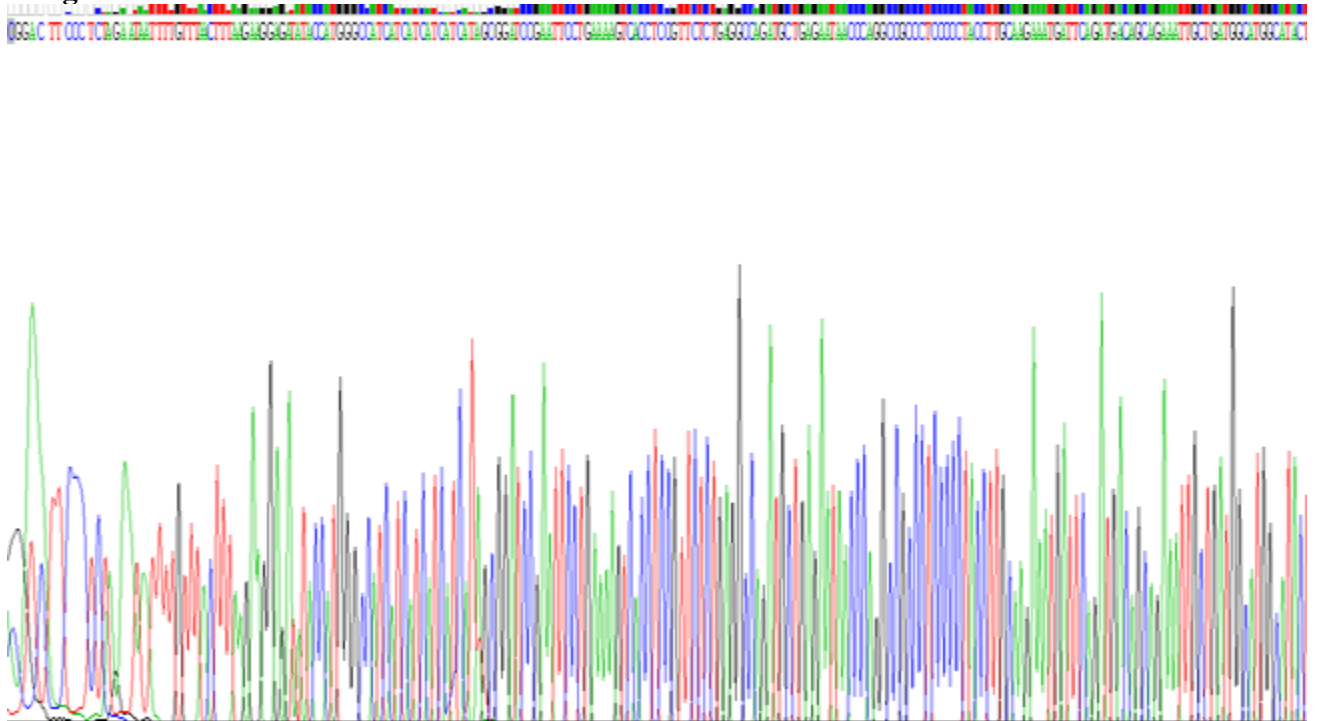


Figure. SDS-PAGE

[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.