

Recombinant Insulin Receptor (INSR) Instruction Manual

SIPA575Hu02

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	39.6kDa
Accurate Molecular Mass	39kDa(Analysis of differences refer to the manual)
Residues & Tags	Arg1027~Met1364 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	> 90%
Isoelectric Point	5.5
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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RELG QGSFGMVYEG NARDIIKGEA  
ETRVAVKTVN ESASLRERIE FLNEASVMKG FTCHHVVRLG GVVSKGQPTL  
VVMELMAHGD LKSYLRSLRP EAENNPGRPP PTLQEMIQMA AEIADGMAYL  
NAKKFVHRDL AARNCMVAHD FTVKIGDFGM TRDIYETDYY RKGKGLLPV  
RWMAPESLKD GVFTTSSDMW SFGVVLWEIT SLAEQPYQGL SNEQVLKFMV  
DGGYLDQPDN CPERVTDLMR MCWQFNPKMR PTFLEIVNLL KDDLHPSFPE  
VSFFHSEENK APESEELEME FEDMENVPLD RSSHCQREEA GGRDGGSSLG  
FKRSYEEHIP YTHM
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USAGE

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

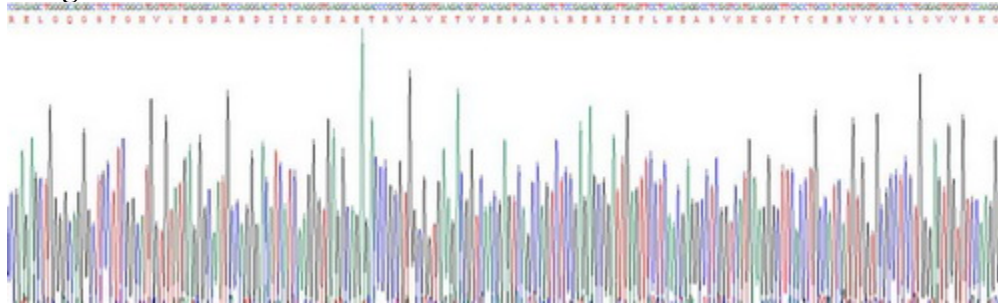
STORAGE

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.