# Recombinant Insulin Receptor (INSR) Instruction Manual

## SIPA575Hu03

### Homo sapiens (Human)

**Source** Prokaryotic expression

**Host** E.coli

Endotoxin Level <1.0EU per 1µg (determined by the LAL method)

Subcellular LocationSecretedPredicted Molecular Mass37.7kDa

Accurate Molecular Mass 40kDa(Analysis of differences refer to the manual)

**Residues & Tags** Pro622~Thr945 with N-terminal His Tag

**Buffer Formulation** PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

**Traits** Freeze-dried powder

Purity > 95% Isoelectric Point 5.9

**Applications** Positive Control; Immunogen; SDS-PAGE; WB.

#### **SEQUENCE**

		PSVPLDPIS	VSNSSSQIIL	KWKPPSDPNG
NITHYLVFWE	RQAEDSELFE	LDYCLKGLKL	PSRTWSPPFE	SEDSQKHNQS
EYEDSAGECC	SCPKTDSQIL	KELEESSFRK	TFEDYLHNVV	<b>FVPRKTSSGT</b>
GAEDPRPSRK	RRSLGDVGNV	TVAVPTVAAF	PNTSSTSVPT	SPEEHRPFEK
VVNKESLVIS	GLRHFTGYRI	ELQACNQDTP	EERCSVAAYV	SARTMPEAKA
DDIVGPVTHE	IFENNVVHLM	WQEPKEPNGL	IVLYEVSYRR	YGDEELHLCV
SRKHFALERG	CRLRGLSPGN	YSVRIRATSL	AGNGSWTEPT	YFYVT

#### **USAGE**

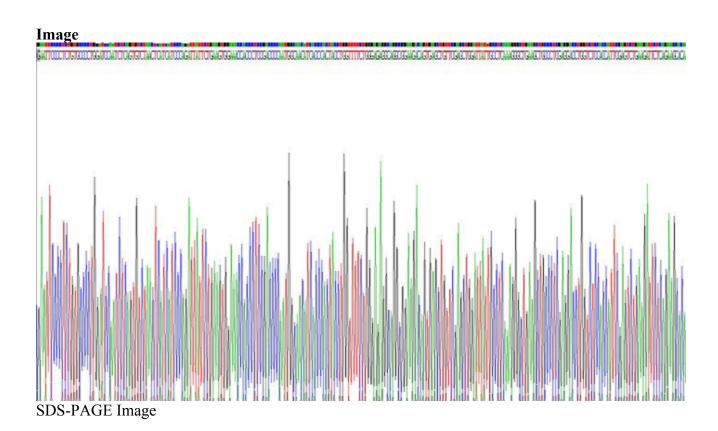
Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

#### **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.



## [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.