# Recombinant Signal Regulatory Protein Gamma (SIRPg) Instruction Manual

# SIPA668Hu02

#### Homo sapiens (Human)

**Source** Prokaryotic expression

Host E.coli

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

Subcellular LocationMembranePredicted Molecular Mass40.7kDa

Accurate Molecular Mass 41kDa(Analysis of differences refer to the manual)

**Residues & Tags** Glu29~Pro360 with N-terminal His Tag

Buffer Formulation 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA,

1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.

**Traits** Freeze-dried powder

Purity > 90% Isoelectric Point 6.7

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

### **SEQUENCE**

EE ELQMIQPEKL LLVTVGKTAT
LHCTVTSLLP VGPVLWFRGV GPGRELIYNQ KEGHFPRVTT VSDLTKRNNM
DFSIRISSIT PADVGTYYCV KFRKGSPENV EFKSGPGTEM ALGAKPSAPV
VLGPAARTTP EHTVSFTCES HGFSPRDITL KWFKNGNELS DFQTNVDPTG
QSVAYSIRST ARVVLDPWDV RSQVICEVAH VTLQGDPLRG TANLSEAIRV
PPTLEVTQQP MRVGNQVNVT CQVRKFYPQS LQLTWSENGN VCQRETASTL
TENKDGTYNW TSWFLVNISD QRDDVVLTCQ VKHDGQLAVS KRLALEVTVH
OKDOSSDATP

#### **USAGE**

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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**

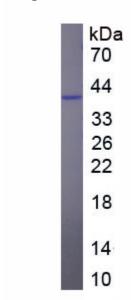


Figure. SDS-PAGE

## [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.