

# Recombinant Interleukin 15 (IL15)

## Instruction Manual

### SIPA040Hu01

#### Homo sapiens (Human)

<b>Source</b>	Prokaryotic expression
<b>Host</b>	E.coli
<b>Endotoxin Level</b>	<1.0EU per 1µg (determined by the LAL method)
<b>Subcellular Location</b>	Nucleus, Secreted, Cytoplasm
<b>Predicted Molecular Mass</b>	14.2kDa
<b>Accurate Molecular Mass</b>	18/16/14kDa(Analysis of differences refer to the manual)
<b>Residues &amp; Tags</b>	Trp50~Ser162 with N-terminal His Tag
<b>Buffer Formulation</b>	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
<b>Traits</b>	Freeze-dried powder
<b>Purity</b>	> 97%
<b>Isoelectric Point</b>	5.1
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.

#### SEQUENCE

```
VNVISDLKKI EDLIQSMHID ATLYTESDVH PSCKVTAMKC FLELQVISL  
ESGDASIHT VENLIILANN SLSSNGNVTE SGCKECEELE EKNIKEFLQS  
FVHIVQMFIN TS
```

#### 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.

