SunLong Biotech Co.,LTD
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Recombinant Interleukin 18 (IL18)

Catalog Number: SIPA043Eq01 **Spec: 50ug**

Product Name	Recombinant Interleukin 18 (IL18)
Catalog Number	SIPA043Eq01
Organism Species	Horse
Source	Prokaryotic expression
Host	E.coli
Residues	Tyr37~Asn193
Tags	N-terminal His Tag
Subcellular Location	Secreted
Purity	> 95%
Traits	Freeze-dried powder
Buffer formulation	100mMNaHCO3, 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Original Concentration	200μg/mL
Applications	Positive Control; Immunogen; SDS-PAGE; WB. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	4.8
Predicted Molecular Mass	21.7kDa
Accurate Molecular Mass	21kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 100mM NaHCO3, 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined

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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.

[SEQUENCE]

YFGR LEPKLSIIRN
LNDQVLFINQ GNQPVFEDMP DSDCTDNAPQ TVFIIYMYKD SLTRGLAVTI
SVKCEKTSTL SCKNKIISFK EMSPPENIND EGNDIIFFQR SVPGHDDKIQ
FESSLYKGYF LACEKENDLF KLILKEKDEN GDKSVMFTVQ NQN

[IDENTIFICATION]

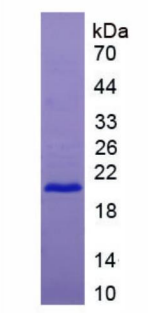


Figure. SDS-PAGE

[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.