SunLong Biotech Co.,LTD
Tel: 0086-571-56623320 Fax:0086-571-56623318
E-mail:sales@sunlongbiotech.com
www.sunlongbiotech.com

Recombinant Interleukin 1 Alpha (IL1a)

Catalog Number: SIPA045Mu02 **Spec: 10ug**

Product Name	Recombinant Interleukin 1 Alpha (IL1a)
Catalog Number	SIPA045Mu02
Organism Species	Mouse
Source	Prokaryotic expression
Host	E.coli
Residues	Gln101~Ser270
Tags	N-terminal His Tag
Subcellular Location	Secreted, Cytoplasm
Purity	> 97%
Traits	Freeze-dried powder
Buffer formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Original Concentration	500μg/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	5.0
Predicted Molecular Mass	23.3kDa
Accurate Molecular Mass	23kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

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

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]

QSITHDLEET IQPRSAPYTY QSDLRYKLMK LVRQKFVMND SLNQTIYQDV
DKHYLSTTWL NDLQQEVKFD MYAYSSGGDD SKYPVTLKIS DSQLFVSAQG
EDQPVLLKEL PETPKLITGS ETDLIFFWKS INSKNYFTSA AYPELFIATK
EQSRVHLARG LPSMTDFQIS

[IDENTIFICATION]

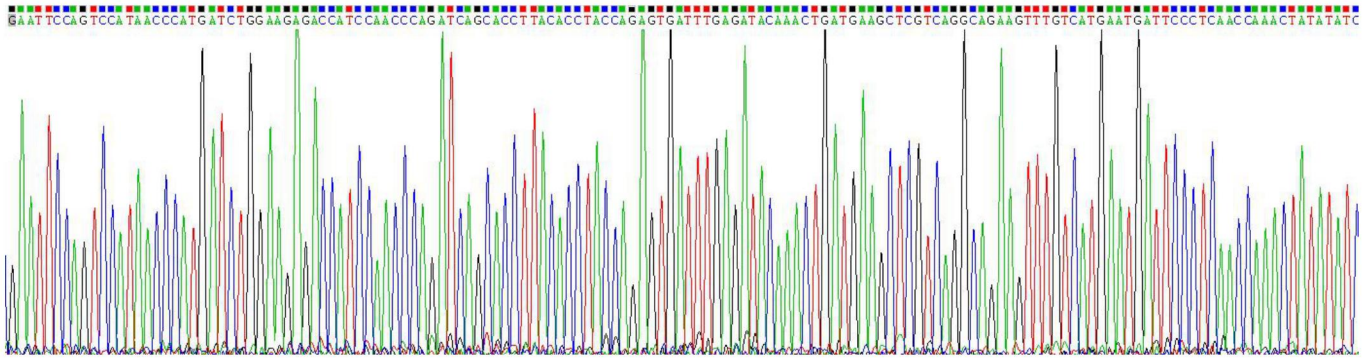
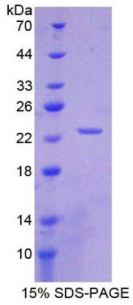


Figure . Gene Sequencing (extract)



[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.