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

Recombinant Arginase (ARG)

Catalog Number: SIPB076Ra01 **Spec: 50ug**

Product Name	Recombinant Arginase (ARG)
Catalog Number	SIPB076Ra01
Organism Species	Rat
Source	Prokaryotic expression.
Host	E. coli
Residues	Met1~Lys323
Tags	N-terminal His-Tag
Tissue Specificity	Liver.
Subcellular Location	Cytoplasm.
Purity	>98%
Traits	Freeze-dried powder
Buffer formulation	PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.
Original Concentration	200ug/mL
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling. (May be suitable for use in other assays to be determined by the end user.)
Predicted isoelectric point	6.7
Predicted Molecular Mass	36.5kDa
Accurate Molecular Mass	36kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in PBS (pH7.4) 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.

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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 37oC 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]

MSSKPKPIEI IGAPFSKGQP RGGVEKGPAA LRKAGLVEKL KETEYNVRDH
GDLAFVDVPN DSPFQIVKNP RSVGKANEQL AAVVAETQKN GTISVVLGGD
HSMAIGSISG HARVHPDLCV IWVDAHTDIN TPLTTSSGNL HGQPVAFLLK
ELKGKFPDVP GFSWVTPCIS AKDIVYIGLR DVDPGEHYII KTLGIKYFSM
TEVDKLGIGK VMEETFSYLL GRKKRPIHLS FDVDGLDPVF TPATGTPVVG
GLSYREGLYI TEEIYKTGLL SGLDIMEVNP TLGKTPEEVT RTVNTAVALT
LSCFGTKREG NHKPETDYLK PPK

[IDENTIFICATION]

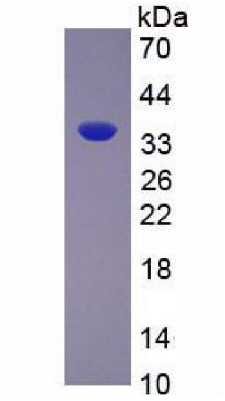


Figure 1. SDS-PAGE