

RPD796Mu01 50µg
Recombinant Arginase II (Arg2)
Organism Species: Mus musculus (Mouse)
Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY
NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[**PROPERTIES**]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Val23~Ile354

Tags: Two N-terminal Tags, His-tag and GST-tag

Tissue Specificity: Kidney.

Subcellular Location: Mitochondrion.

Purity: >98%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 1mM DTT, 5% trehalose, 0.01% sarcosyl and Proclin300.

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: 5.8

Predicted Molecular Mass: 66.4kDa

Accurate Molecular Mass: 66kDa 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 2-8°C for one month.

Aliquot and store at -80°C 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]

		VHSVAIVG	APFSRGQKKL	GVEYGPAAIR
EAGLLKRLSR	LGCHLKDFGD	LSFTNVPQDD	PYNNLVVYPR	SVGLANQELA
EVVSRAVSGG	YSCVTMGGDH	SLAIGTIIGH	ARHRPDLCVI	WDAHADINT
PLTTVSGNIH	GQPLSFLIKE	LQDKVPQLPG	FSWIKPCLSP	PNIVYIGLRD
VEPPEHFILK	NYDIQYFSMR	EIDRLGIQKV	MEQTFDRLIG	KRQRPIHLSF
DIDAFDPKLA	PATGTPVVG	LTYREGVYIT	EEIHNTGLLS	ALDLVEVNPH
LATSEEEAKA	TARLAVDVIA	SSFQQTREGG	HIVYDHLPTP	SSPHESENEE
CVRI				

[IDENTIFICATION]

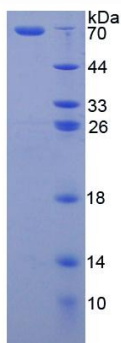


Figure 1. SDS-PAGE