

Recombinant Rat Arg1 protein, His-tagged

Cat. No. Arg1-1524R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Arg1 aa. (Met1~Lys323) fused with N-terminal His tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Met1~Lys323
Form	Freeze-dried powder
Molecular Mass	36kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1g (determined by the LAL method).
Purity	>98%
Characteristic	The isoelectric point is 6.7.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Reporter Assays; Purification; Amine Reactive Labeling.
Stability	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

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than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Concentration

200g/mL

Storage buffer

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

Reconstitution

Reconstitute in PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

[Arg1 arginase 1 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Arg1](#)

Synonyms

AI type I arginase; arginase, liver; liver-type arginase; type I arginase; arginase-1

Gene ID

[29221](#)

mRNA Refseq

[NM_017134.3](#)

Protein Refseq

[NP_058830.2](#)

UniProt ID

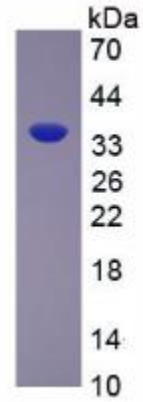
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SDS-PAGE



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