

Recombinant Rat Arg1, His-tagged

Cat. No. Arg1-3622R Lot. No. (See product label)

SPECIFICATION

Product Overview	Arginase-1 (Arg1)
Species	Rat
Source	E.Coli/Yeast
ProteinLength	323
Description	catalyzes the hydrolysis of arginine to ornithine and urea in arginine metabolism; regulates nitric oxide production .
Form	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.
Purity	>90%
Notes	Small volumes of Arg1 recombinant protein may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice.
Storage	Store at -20 degree C. For extended storage, store at -20 or -80 degree C.
Storage Buffer	PBS pH 7.4, 50% glycerol

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Warning This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GENE INFORMATION

Gene Name [Arg1 arginase, liver \[Rattus norvegicus \]](#)

Official Symbol Arg1

Synonyms ARG1; arginase, liver; arginase-1; type I arginase; AI type I arginase; liver-type arginase;

Gene ID [29221](#)

mRNA Refseq [NM_017134](#)

Protein Refseq [NP_058830](#)

Pathway Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Arginine and proline metabolism, organism-specific biosystem; Arginine and proline metabolism, conserved biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, orga

Function arginase activity; arginase activity; hydrolase activity; manganese ion binding; metal ion binding;

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