

Native Rat Liver Arginase

Cat. No. Arg1-8044R Lot. No. (See product label)

SPECIFICATION

Product Overview	Rat Liver Arginase was purified from Rat Liver.
Species	Rat
Source	Rat Liver
Description	Arginase is a manganese-containing enzyme. Arginase deficiency typically refers to decreased function of arginase I, the liver isoform of arginase. This deficiency is commonly referred to as hyperargininemia or arginemia. The disorder is hereditary and autosomal recessive. Arginase is characterized by lowered activity of arginase in hepatic cells.
Form	Lyophilized powder containing sodium maleate and manganese sulfate
Storage	-20°C

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;

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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, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem;
Function	arginase activity; arginase activity; hydrolase activity; manganese ion binding; metal ion binding;

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