

Recombinant Mouse Arg1 protein, His-SUMO-tagged

Cat. No. Arg1-4538M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Arg1 protein(Q61176)(1-323aa), fused to N-terminal His-SUMO tag, was expressed in E. coli
Species	Mouse
Source	E.coli
ProteinLength	1-323aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	50.8 kDa
AA Sequence	MSSKPKSLEIIGAPFSKGQPRGGVEKGPAALRKAGLLEKLKETEYDVRDHGDLAFVD VPNDSSFQIVKNPRSVGKANEELAGVVAEVQKNGRVSVVLGGDHSLAVGSISGHAR VHPDLCVIWVDAHTDINTPLTTSSGNLHGQPVSFLLKELKGKFPDVPGFWSWVTPCIS AKDIVYIGLRDVPGEHYIIKTLGIKYFSMTEVDKLGIGKVMEETFSYLLGRKKRPIHLS FDVDGLDPAFTPATGTPVLGGLSYREGLYITEEIYKTGLLSGLDIMEVNPTLGKTAAE VKSTVNTAVALTLACFGTQREGNHKPGTDYLPKPK
Purity	Greater than 90% as determined by SDS-PAGE.

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Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name

[Arg1 arginase, liver \[Mus musculus \]](#)

Official Symbol

[Arg1](#)

Synonyms

ARG1; arginase, liver; arginase-1; arginase I; type I arginase; arginase 1, liver; liver-type arginase; AI; PGIF; Arg-1; AI256583;

Gene ID

[11846](#)

mRNA Refseq

[NM_007482](#)

Protein Refseq

[NP_031508](#)

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