

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 VHPDLCVIWVDAHTDINTPLTTSSGNLHGQPVSFLLKELKGKFPDVPGFSWVTPCIS AKDIVYIGLRDVPGEHYIIKTLGIKYFSMTEVDKLGIGKVMEETFSYLLGRKKRPIHLS FDVDGLDPAFTPATGTPVLGGLSYREGLYITEEIYKTGLLSGLDIMEVNPTLGKTAAE VKSTVNTAVALTLACFGTQREGNHKPGTDYLPKPK
Purity	Greater than 90% as determined by SDS-PAGE.

 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

Storage

Store at -20°C/-80°C upon receipt, aliquoting is necessary for multiple 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

 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