

Recombinant Mouse Arg2 protein, His-SUMO-tagged

Cat. No. Arg2-2548M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Arg2 protein(O08691)(23-354aa), fused to N-terminal His tag and SUMO tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	23-354aa
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	52.4 kDa
AA Sequence	VHSAIVGAPFSRGQKKLGVEYGPAAREAGLLKRLSRLGCHLKDFGDLSTNVPQD DPYNNLVVYPRSVGLANQELAEVVSRAVSGGYSCVTMGGDHSLAIGTIIGHARHRP DLCVIWVDAHADINTPLTTVSGNIHQPLSFLIKELQDKVPQLPGFSWIKPCLSPPNIV YIGLRDVEPPEHFILKNYDIQYFSMREIDRLGIQKVMEQTFDRLIGKRQRPIHLSFDIDA FDPKLAPATGTPVVGGLTYREGVYITEEIHNTGLLSALDLVEVNPPLATSEEEAKATA RLAVDVIASSFGQTREGGHIVYDHLPTPSSPHESENEECVRI
Purity	Greater than 90% as determined by SDS-PAGE.

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 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**

Arg2 arginase type II [Mus musculus]

Official Symbol

Arg2

Synonyms

ARG2; arginase type II; arginase-2, mitochondrial; type II arginase; kidney-type arginase; non-hepatic arginase; AII; AU022422;

Gene ID

11847

mRNA Refseq

NM_009705

Protein Refseq

NP_033835

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