

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	VH SVAIVGAPFSRGQKKLGVEYGPA AIREAGLLKRLSRLGCHLKDFGDLSFTNVPQD DPYNNLVVYPRSVGLANQELAEVVSRAVSGGYSCVTMGGDHS LAIGTIIGHARHRP DLCVIWVDAHADINTPLTTVSGNIHQPLSFLIKELQDKVPQLPGFSWIKPCLSPPNIV YIGLRDVEPPEHFILKNYDIQYFSMREIDRLGIQKVM EQTFDRLIGKRQRPIHLSFDIDA FDPK LAPATGTPVVGGLTYREGVYITEEIHNTGLLSALDLVEV NPHLATSEEEAKATA RLAVDVIASSFGQTREGGHIVYDHLPTPSSPHESENEECVRI
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 [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; All; AU022422;

Gene ID [11847](#)

mRNA Refseq [NM_009705](#)

Protein Refseq [NP_033835](#)

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