

Recombinant Human ARG2 protein, GST-tagged

Cat. No. ARG2-2547H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ARG2 protein(P78540)(1-354aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-354aa
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	63.1 kDa
AA Sequence	MSLRGSLSRLLQTRVHSILKKS VHSVAVIGAPFSQGQKRKGVEHGPA AIREAGLMKR LSSLGCHLKDFGDL SFTPVPKDDLYNNLIVNPRSVGLANQELAEVVSRAVSDGYSCV TLGGDHSLAIGTISGHARHCPDLCVWVDAHADINTPLTTSSGNLHGQPVSFLLREL QDKVPQLPGFSWIKPCISSASIVYIGLRDVPPEHFILKNYDIQYFSMRDIDRLGIQKV MERTFDLLIGKRQRPIHLSFDIDAFDPTLAPATGTPVVGGLTYREGMYIAEEIHNTGLL SALDLVEVNPQLATSEEEAKTTANLAVDVIASSFGQTREGGHIVYDQLPTPSSPDES ENQARVRI
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 [Homo sapiens]
Official Symbol	ARG2
Synonyms	ARG2; arginase, type II; arginase-2, mitochondrial; arginase 2; kidney arginase; type II arginase; nonhepatic arginase; kidney-type arginase; non-hepatic arginase; L-arginine ureahydrolase; L-arginine amidinohydrolase;
Gene ID	384
mRNA Refseq	NM_001172
Protein Refseq	NP_001163
MIM	107830
UniProt ID	P78540

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