

## Recombinant Human ARG1 protein, GST-tagged

Cat. No. ARG1-2546H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ARG1 protein(P05089)(1-322aa), fused to N-terminal GST tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-322aa
<b>Form</b>	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
<b>Molecular Mass</b>	61.7 kDa
<b>AA Sequence</b>	<p>MSAKSRTIGIIGAPFSKGQPRGGVEEGPTVLRKAGLLEKLKEQECDVKDYGDLPFAD  IPNDSPFQIVKNPRSVGKASEQLAGKVAEVKKNGRISLVLGGDHSLAIGSISGHARVH  PDLGVIWVDAHTDINTPLTTTSGNLHGQPVSFLLKELKGKIPDVPGFSSWVTPCISAKD  IVYIGLRDVPGEHYILKTLGIKYFSMTEVDRLGIGKVMEETLSYLLGRKKRPIHLSFD  VDGLDPSFTPATGTPVVGGLTYREGLYITEEIYKTGLLSGLDIMEVNPSLGKTPEEVT  RTVNTAVAITLACFGLAREGNHKPIDYLNPPK</p>
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.

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

<b>Gene Name</b>	ARG1 arginase, liver [ Homo sapiens ]
<b>Official Symbol</b>	ARG1
<b>Synonyms</b>	ARG1; arginase, liver; arginase-1; type I arginase; liver-type arginase;
<b>Gene ID</b>	383
<b>mRNA Refseq</b>	NM_000045
<b>Protein Refseq</b>	NP_000036
<b>MIM</b>	608313
<b>UniProt ID</b>	P05089

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