

Recombinant Human ARG1 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human ARG1 protein(P05089)(1-322aa), fused to N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-322aa
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	61.7 kDa
AA Sequence	MSAKSRTIGIIGAPFSKGQPRGGVEEGPTVLRKAGLLEKLKEQECVDVKDYGDLPPFAD IPNDSPFQIVKNPRSVGKASEQLAGKVAEVKKNGRISLVLGGDHSLAIGSISGHARVH PDLGVIWVDAHTDINTPLTTTSGNLHGQPVSFLLKELKGKIPDVPGFSSWVTPCISAKD IVYIGLRDVPGEHYILKTLGIKYFSMTEVDRLGIGKVMEETLSYLLGRKKRPIHLSFD VDGLDPSFTPATGTPVVGGLTYREGLYITEEIYKTGLLSGLDIMEVNPSLGKTPEEVT RTVNTAVAITLACFGLAREGNHKKPIDYLNPPK
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	ARG1 arginase, liver [Homo sapiens]
Official Symbol	ARG1
Synonyms	ARG1; arginase, liver; arginase-1; type I arginase; liver-type arginase;
Gene ID	383
mRNA Refseq	NM_000045
Protein Refseq	NP_000036
MIM	608313
UniProt ID	P05089

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