

## Recombinant Human ARG1 protein, His-tagged

Cat. No. ARG1-4654H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ARG1 protein(P05089)(1-322 aa), fused with N-terminal His tag, was expressed in Yeast.
<b>Species</b>	Human
<b>Source</b>	Yeast
<b>ProteinLength</b>	1-322 aa
<b>Form</b>	For liquid formulations, the standard storage buffer consists of a Tris or PBS based solution supplemented with 5-50% glycerol. When provided as lyophilized powder, the product undergoes freeze-drying from a Tris- or PBS-based formulation containing 6% trehalose, adjusted to pH 8.0 prior to the lyophilization process.
<b>Molecular Mass</b>	36.8 kDa
<b>AASequence</b>	RAETDSEGQTTGELYQRWERYGWECQNTLEATEPPSGLACNGSFDMYACWNYTA ANTTARVSCPWYLPWYRQVAAGFVFRQCGSDGQWGSWRDHTQCENPEKNGAFQ DQKLILERLQ
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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**Reconstitution** Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

## 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

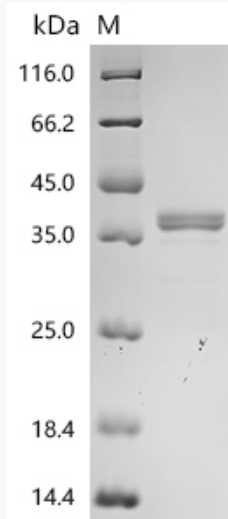
**UniProt ID** P05089

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**SDS-PAGE**



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