

Active Recombinant Human ARG1 protein, His-tagged

Cat. No. ARG1-1256H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human Arginase 1/ARG1 Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Met 1 - Lys 322) of human Arginase (Accession #NP_000036.2) fused with a 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Met 1 - Lys 322
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by the production of urea during the hydrolysis of arginine. The specific activity is >27833 pmol/min/µg.
Molecular Mass	38 kDa
Endotoxin	< 0.01 EU/µg of the protein by LAL method.
Purity	> 92% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for up to 1 week.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

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

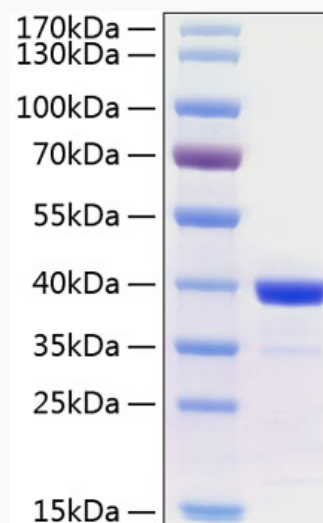
UniProt ID P05089

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

SDS-PAGE



Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA