

Datasheet for ABIN7607256

Liver Arginase Protein (AA 1-322) (His tag)[Go to Product page](#)

Overview

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|-------------------------------|-------------------------------------------------------------------------------------|
| Quantity: | 50 µg |
| Target: | Liver Arginase (ARG1) |
| Protein Characteristics: | AA 1-322 |
| Origin: | Human |
| Source: | Mammalian Cells |
| Protein Type: | Recombinant |
| Biological Activity: | Active |
| Purification tag / Conjugate: | This Liver Arginase protein is labelled with His tag. |
| Application: | ELISA, SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), Activity Assay (AcA) |

Product Details

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|------------------------------|--------------------------------------------------------------------------------------------------------------------|
| Purpose: | Recombinant Human ARG1/Arginase-1 Protein, C-His (Active) |
| Purity: | >90 % as determined by SDS-PAGE. |
| Endotoxin Level: | <0.1 EU/µg of the protein by the LAL method. |
| Biological Activity Comment: | Measured by the production of urea during the hydrolysis of arginine. The specific activity is >27833 pmol/min/µg. |

Target Details

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|-------------------|-------------------------------------------------------|
| Target: | Liver Arginase (ARG1) |
| Alternative Name: | Liver-type arginase (ARG1 Products) |

Target Details

Background: Liver-type arginase, ARG1, Type I arginase, Arginase-1

UniProt: [P05089](#)

Pathways: [Cellular Response to Molecule of Bacterial Origin](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.

Expiry Date: 12 months