



Recombinant Human ARG1 Protein Product Manual

1. Product Basic Information

Product No.: REP06165

Protein Name: Arginase Arginase-Arginase, Liver (ARG1)

Aliases: arginase arginase-arginase, liver; type I arginase; liver-type arginase

UniProt ID: P05089

UniProt Link: <https://www.uniprot.org/uniprotkb/P05089/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-322aa)

Molecular Weight: 61.7kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-322aa)

MSAKSRTIGIIGAPFSKGGQPRGGVEEGPTVLRKAGLLEKLKEQECVDKDYGDLPPFA
DIPNDSPFQIVKNPRSVGKASEQLAGKVAEVKKNGRISLVLGGDHSLAIGSISGHAR
VHPDLGVIWVDAHTDINTPLTTTSGNLHGQPVSFLLKELKGKIPDVPGFSSWVTPCIS
AKDIVYIGLRDVPGEHYILKTLGIKYFSMTEVDRLGIGKVMEETLSYLLGRKKRPIHL
SFDVDGLDPSFTPATGTPVVGGLTYREGLYITEEIKTGLLSGLDIMEVNPSTLGTPE
EVTRTVNTAVAITLACFGLAREGNHKPIDYLNPPK

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the

5. Product Description

This product is a recombinant Human ARG1 full length protein (1-322aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. ARG1, also known as arginase arginase-arginase, liver or type I arginase or liver-type arginase, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.