

# Human ARG1 Recombinant Protein



RPPB1407

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## Product Information    Protein Information

**Product SKU:**

RPPB1407

**Accession:**

P05089

**Host:**

Escherichia Coli.

**Protein description:**

ARG1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 330 amino acids (1-322a.a.) and having a molecular mass of 35.8kDa. ARG1 protein is fused to an 8 amino acid His tag at C-terminus and is purified by standard chromatography.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

EC 3.5.3.1, Arginase 1, Type I Arginase, Liver-Type Arginase.

**Formulation:**

ARG1 Human protein solution (0.5mg/ml) containing 20mM Tris-HCl pH-8, 2mM DTT, 0.1M NaCl & 20% glycerol.

**Purity:**

Greater than 85% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

MSAKSRTIGI IGAPFSKGQP RGGVEEGPTV LRKAGLLEKL KEQECDVKDY GDLPFADIPN DSPFQIVKNP  
RSVGKASEQL AGKVAEVKKN GRISLVLGGD HSLAIGSISG HARVHPDLGV IWVDAHTDIN TPLTTTSGNL  
HGQPVSFLK ELKGKIPDVP GFSWVTPCIS AKDIVYIGLR DVDPGEHYIL KTLGIKYFSM TEVDRLGIGK  
VMEETLSYLL GRKKRPIHLS FDVDGLDPSF TPATGTPVVG GLTYREGLYI TEEIYKTGLL SGLDIMEVNP  
SLGKTPEEVT RTVNTAVAIT LACFGLAREG NHKPIDYLNPKLEHHHHHH.