

Product datasheet

Recombinant Human Liver Arginase protein ab117182

概述

产品名称	重组人Liver Arginase蛋白
蛋白长度	Full length protein

描述

性质	Recombinant
来源	Escherichia coli

氨基酸序列

Accession [P05089](#)

种属 Human

序列
 MSAKSRITIGI 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 NHKPIDYLNPKLEHHHHHHH

分子量 36 kDa including tags

氨基酸 1 to 322

标签 His tag C-Terminus

额外的序列信息 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.

技术指标

Our [Abpromise guarantee](#) covers the use of **ab117182** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用 SDS-PAGE

纯度	> 85 % SDS-PAGE. ab117182 is purified by standard chromatography.
形式	Liquid
补充说明	Although stable at 4°C for 1 week, ab117182 should be stored desiccated below -18°C. Please prevent freeze thaw cycles.

制备和贮存

稳定性和存储	Shipped at 4°C. Please see notes section. pH: 8.00 Constituents: 0.32% Tris HCl, 0.03% DTT, 0.58% Sodium phosphate, 20% Glycerol
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常规信息

通路	Nitrogen metabolism; urea cycle; L-ornithine and urea from L-arginine: step 1/1.
疾病相关	Defects in ARG1 are the cause of argininemia (ARGIN) [MIM:207800]; also known as hyperargininemia. Argininemia is a rare autosomal recessive disorder of the urea cycle. Arginine is elevated in the blood and cerebrospinal fluid, and periodic hyperammonemia occurs. Clinical manifestations include developmental delay, seizures, mental retardation, hypotonia, ataxia, progressive spastic quadriplegia.
序列相似性	Belongs to the arginase family.
细胞定位	Cytoplasm.

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