

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

ARG1, 1-322aa, Human, His tag, E.coli

产品货号: TP01213

第三版

别名: Arginase-1, liver.

描述: Arginase is a manganese-containing enzyme which catalyzes the hydrolysis of arginine to ornithine and urea. It is the final enzyme of the urea cycle. At least two isoforms of mammalian arginase exist (types I and II) which differ in their tissue distribution, subcellular localization, immunologic crossreactivity and physiologic function.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 2mM DTT, 100mM NaCl

分子量: 35.8kDa (330aa), confirmed by MALDI-TOF

序列:

```
MSAKSRTIGIIGAPFSKQGPRGGVEEGPTVLRKAGLLEKLKEQECDVKDYGDLPFADIPNDSPFQIVKNPRSVGKASEQLAG
KVAEVKKNGRISLVLGGDHSLAIGSISGHARVHPDLGVIWVDAHTDINTPLTTTTSGNLHGQPVSFLLKELKGKIPDVPFGS
WVTPCISAKDIVYIGLRDVPGEHYILKTLGIKYFSMTEVDRLGIGKVMEEETLSYLLGRKKRPIHLSFDVDGLDPSFTPATGT
PVVGGGLTYREGLYITEEIKTGLLSGLDIMEVNPSLGKTPEEVTRTVNTAVAITLACFGLAREGNHKPIDYLNPPKLEHHHH
HH
```

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.