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ARG2, 23-354aa, Human, His tag, E.coli

产品货号: TP01214

第三版

**别名:** Arginase-2, type II; Kidney arginase; Non-hepatic arginase.

**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 cross-reactivity and physiologic function.

**配方:** Liquid. In 20 mM Tris-HCl Buffer (pH 8.0) containing 10% Glycerol

**分子量:** 38.3kDa(353aa), confirmed by MALDI-TOF

**序列:**

MGSSHHHHHHSSGLVPRGSHMVHSAVAVIGAPFSQGQKRKGVEHGPAAIAREAGLMKRLSSLGCHLKDFGDLSTFPVPKD  
DLYNLIIVNPRSVGLANQELAEVVSRAVSDGYSCVTLGGDHSLAIGTISGHARHCPDLCVWVDAHADINTPLTTSSGNL  
HGQPVSFLLRELQDKVPQLPGFSWIKPCISSASIVYIGLRDVPPEHFILKNYDIQYFSMRDIDRLGIQKVMERTFDLLIGKRQ  
RPIHLSFDIDAFDPTLAPATFTPVVGGLTYREGMYIAEEIHNTGLLSALDLVEVNPQLATSEEEAKTTANLAVDVIASSFGQT  
REGGHIVYDQLPTPSSPDESENQARVRI

**纯度:** > 95% by HPLC

**浓度:** 0.5 mg/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.