

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

GAMT, 1-236aa, Human, His tag, E.coli

产品货号: TP02193

第三版

别名: Guanidinoacetate N-methyltransferase isoform a, PIG2, TP53I2

描述: Guanidinoacetate N-methyltransferase isoform a, also known as GAMT is a methyltransferase that converts guanidoacetate to creatine, using S-adenosylmethionine as the methyl donor. This enzyme participates in the two-step synthesis of the compound creatine from the protein building blocks glycine, arginine, and methionine.

配方: Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 1mM DTT, 10% glycerol

分子量: 28.4 kDa (256aa)

序列:

MGSSHHHHHSSGLVPRGSHMSAPSATPIFAPGENCSPAWGAAPAAAYDAADTHLRILGKPVMERWETPYMHALAAAAS
SKGGRVLEVGFGMAIAASKVQEAPIDEHWIIECNDGVFQRLRDWAPRQTHKVIPLKGLWEDVAPTLPDGHFDGILYDTY
PLSEETWHTHQFNFIKNHAFRLKPGGVLTTCNLTSWGELMKSKYSDITIMFEETQVPALLEAGFRRENIRTEVMALVPPA
DCRYAFPQMITPLVTKG

纯度: > 95% by HPLC

浓度: 1 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.