

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。

GDA, 1-454aa Human, His tag, E.coli

产品货号: TP02215

第三版

别名:Guanine deaminase, CYPIN, GUANASE, NEDASIN

描述:GDA is an enzyme responsible for the hydrolytic deamination of guanine. Studies in rat ortholog suggest this gene plays a role in microtubule assembly. Multiple transcript variants encoding different isoforms have been found for this gene. Recombinant human GDA protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

分子量:53 kDa (477aa)

序列:

```
MGSSHHHHHHSSGLVPRGSHMGSMCAAQMPPLAHIFRGTFVHSTWTCPEVLRDHLGVS DSGKIVFLEEASQQEKLA  
KEWCFKPCEIRELSHHEFFMPGLVDTHIHASQYSFAGSSIDLPLEWLTKYTFPAEHRFQNI DFAEEVYTRVVRRTLKNGTT  
TACYFATIHTDSSLLADITDKFGQRAFVGKVCMDLNDTFPEYKETTEESIKETERFVSEMLQKNYSRVKPIVTPRFLS CSET  
LMGELGNI AKTRDLHIQSHISENRDEVEAVKNLYPSYKNYTSVYDKNNLLTNKTVMAHG CYLSAEELNVFHERGASIAHC  
PNSNLSLSSGFLNVLEVLKHEVKIGLGT DVAGGYSYMLDAIRRAVMVSNILLINKVNEKSLTLKEVFRLATLGGSQALGLD  
GEIGNFEV GKEFDAILINPKASDSPIDLFYGDFFGDISEAVIQKFLYLGDDRNIIEVYVGGKQVVPFSSSV
```

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.