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GDA, 1-454aa, Human, E.coli (Bioactivity Validated)

产品货号: TP02216

第三版

别名: Guanine deaminase isoform b, CYPIN, GUANASE, NEDASIN, CYPIN, Cytoplasmic PSD95 interactor, D10S105E, GAH, GDAGUAD_HUMAN, Guanase.

描述: GDA, also known as guanine deaminase, catalyzes the hydrolytic deamination of guanine, producing xanthine and ammonia. 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, was expressed in E.coli and purified by conventional chromatography techniques.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol, 1mM DTT

分子量: 51kDa (454 aa), confirmed by MALDI-TOF

序列:

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MCAAQMPPLAHIFRGTFVHSTWTCPEVLRDHLGVS DSGKIVFLEEASQQEKLAKEWCFKPC EIRELSHHEFFMPGLVD  
THIHASQYSFAGSSIDLPLEWLTKYTFPAEHRFQNI DFAEEVYTRVVRRTLKNGTTTACYFATIHT DSSLLLADITDKFGQR  
AFVGVKVCMDLNDTFPEYKETTEESIKETERFVSEML QKNYSRVKPIVTPRFSLSCSETLMGELGNI AKTRDLHIQSHISENRD  
EVEAVKNLYPSYKNYTSVYDKNLLTNKTVMAHG CYLSAEELNVFHERGASIAHCPNSNLSLSS GFLNVLEVLKHEVKIGL  
GTDVAGGYSYMLDAIRRAVMVSNILLINKVNEKSL TLKEVFRLATLGGSQALGLDGEIGNFEV GKEFDAILINPKASDSPID  
LFYGDFFGDISEAVIQKFLYLGDDRNIIEVYVGGKQ VVPFSSSV
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纯度: > 95% by HPLC

浓度: 1 mg/ml (determined by absorbance at 280nm)

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.