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tnaA, 1-494aa, E.coli, His tag, E.coli

产品货号: TP04236

第三版

别名:Tryptophanase/L-cysteine desulfhydrase, PLP-dependent, Tryptophanase

描述:tnaA, also known as Tryptophanase/L-cysteine desulfhydrase. Tryptophanase is an enzyme that catalyzes the chemical reaction. Thus, the two substrates of this enzyme are L-tryptophan and H<sub>2</sub>O, whereas its 3 products are indole, pyruvate, and NH<sub>3</sub>. Recombinant E.coli tnaA, fused to His-tag at N-terminus, was expressed in E.coli and purified using conventional chromatography techniques.

配方:Liquid, In Phosphate buffered saline (pH7.4) containing 10% glycerol, 1mM DTT

分子量:55.2kDa (494aa)

序列:

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MGSSHHHHHHSSGLVPRGSHMGSMENFKHLPEPFRIRVIEPVKRTTRAYREEAIKSGMNPFLDSEDVFIDLLTDSGTGAV
TQSMQAAMMRGDEAYSGRSYYALAESVKNIFGYQYTIPTHQGRGAEQIYIPVLIKKREQEGLDRSKMVAFSNYFFDTT
QGHSQINGCTVRNVYIKEAFDTGVRYDFKGNFDLEGLERGIEEVGPNVVPYIVATITSNSAGGQPVSLANLKAMYSIAKKY
DIPVVMDSARFAENAYFIKQREAEYKDWITIEQITRETYKYADMLAMSAKKDAMVPMGGLLCMKDDSFVDVYTECRTLC
VVQEGFPTYGGLEGGAMERLAVGLYDGMNLDWLAYRIAQVQYLVLDGLEEIGVVCQQAGGHAADFVDAGKLLPHIPADQ
FPAQALACELYKVAGIRAVEIGSFLLGRDPKTGKQLPCPAELLRLTIPRATYTTQTHMDFIIEAFKHVKENAANIKGLTFTYEP
KVLRFHTAKLKEV
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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.