

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。

ADA, 1-363aa, Human, His tag, E.coli

产品货号: TP01056

第三版

别名: Adenosine deaminase, Adenosine aminohydrolase, ADA1

描述: ADA, also known as adenosine deaminase, catalyzes the hydrolytic deamination of adenosine and 2- deoxyadenosine. This protein plays an important role in purine metabolism and in adenosine homeostasis. ADA acts as a positive regulator of T-cell coactivation, by binding DPP4. Its interaction with DPP4 regulates lymphocyte epithelial cell adhesion.

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

分子量: 42.9 kDa (383aa), confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMAQTPAFDKPKVELHVHLDGSIKPETILYYGRRRGIALPANTAEGLLNVIGMDKPLTLPD
FLAKFDYYMPAIAAGCREAIKRIAYEFVEMKAKEGVVYVEVRYSPHLLANSKVEPIWNAEGDLTPDEVVALVGQGLQEG
ERDFGVKARSILCCMRHQPNWSPKVVELCKKYQQQTVVAIDLAGEDETIPGSLLPGHVQAYQEAVKSGIHRTVHAGEVG
SAEYVKEAVDILKTERLGHGYHTLEDQALYNRLRQENMHFEICPWSSYLTGAWKPDTEHAVIRLKNQANYSLNTDDPLI
FKSTLDTDYQMTKRDMGFTEEFKRLNINAAKSSFLPEDEKRELLDILYKAYGMPPSASAGQNL

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.