

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。

nanA, 1-297aa, E.coli, His tag, E.coli

产品货号: TP03086

第三版

别名:N-acetylneuraminate lyase, npl

描述:NanA, also known as N-acetylneuraminate lyase, belongs to the family of lyases, specifically the oxoacid- lyases, which cleave carbon-carbon bonds. NanA catalyzes the cleavage of N-acetylneuraminic acid (sialic acid) to form pyruvate and N-acetyl-D-mannosamine. This protein was inhibited by reduction with NaBH₄ in the presence of the substrate, indicating that it belongs to the Schiff-base-forming Class I aldolases.

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

分子量:34.7 kDa (317aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMATNLRGVMAALLTPFDQQQALDKASLRRLVQFNIIQQGIDGLYVGGSTGEAFVQSLSE
REQVLEIVAEEAKGKIKLIAHVGCVSTAESQQLAASAKRYGFDAVSAVTPFYYPFSFEEHCDHYRAIIDSADGLPMVVYNIP
ALSGVKLTLDQINTLVTLPGVGALKQTSGLYQMEQIRREHPDLVLYNGYDEIFASGLLAGADGGIGSTYNIMGWRYQGI
VKALKEGDIQTAQKLQTECNKVIDLLIKTG VFRGLKTVLHYMDVVSVPLCRKPFPGPVDEKYLPELKALAAQQLMQERG

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.