

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。

NANP, 1-248aa, Human, His tag, E.coli

产品货号: TP03090

第三版

别名:N-acylneuraminate-9-phosphatase, HDHD4, C20orf147, Neu5Ac-9-Pase

描述:NANP (N-acylneuraminate-9-phosphatase), also known as HDHD4 (Haloacid dehalogenase-like hydrolase domain-containing protein 4), is belongs to the haloacid dehalogenase (HAD) family and is responsible for dephosphorylating N-acylneuraminate 9-phosphate to form N-acylneuraminate (N-acylneuraminate 9-phosphate + H<sub>2</sub>O = N-acylneuraminate + phosphate). Characteristic of the HAD phosphatase family, the catalytic activity of NANP is dependent upon the presence of magnesium and is inhibited by vanadate and calcium.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol, 2mM DTT, 100mM NaCl

分子量:31.9kDa (284aa), confirmed by MALDI-TOF

序列:

MRGSHHHHHHGSMASMTGGQQMGRDLYDDDDKDRWGSMLSRVRAVFFDLNLTIDTAGASRRGMLEVIKLLQSKY  
HYKEEAEIICDKVQVKLSKECFHPYNTCITDLRTSHWEEAIQETKGGANRKLAEECYFLWKSTRLQHMTLAEDVKAMLT  
ELRKEVRLLLLTNGDRQTQREKIEACACQSYFDAVVVVGGEQREEKPAPSIFFYCCNLLGVQPGDCVMVGDLETDIQGG  
NAGLKATVWINKNGIVPLKSSPVPHYMVSSVLELPALLQSIDCKVSMST

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.