

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。

BPNT1, 1-308aa, Human, His tag, E.coli

产品货号: TP01363

第三版

别名:3'(2'), 5'-bisphosphate nucleotidase 1; PIP, PAP-inositol-1,4-phosphatase.

描述:BPNT1, also known as BPntase, PAP phosphatase or PIP (PAP-inositol-1,4-phosphatase), is a member of the magnesium-dependent, lithium-sensitive phosphomono-esterase superfamily. Using magnesium as a cofactor, BPNT1 catalyzes the conversion of PAPS (adenosine 3'-phosphate 5' phosphosulfate) to APS (adenosine 5'-phosphosulfate) and the conversion of PAP (3'(2')-phosphoadenosine 5' phosphate) to AMP (adenosine 5'-phosphate).

配方:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol, 5mM DTT, 0.1M NaCl.

分子量:37.5 kDa (344aa), confirmed by MALDI-TOF

序列:

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MRGSHHHHHHGMASMTGGQQMGRDLYDDDDKDRWGSMASNTVLMRLVASAYSIAQKAGMIVRRVIAEGDLGIVE  
KTCATDLQTKADRLAQMSICSSLARKFPKLTIIIGEDLPSEEVDQELIEDSQWEEILKQPCPSQYSAIKEEDLVVWVDPLDGT  
KEYTEGLLDNVTVLIGIAYEGKAIAGVINQPYNYEAGPDAVLGRTIWGVLGLGAFGFQLKEVPAGKHIITTRSHSNKLV  
TDCVAAMNPDAVLRVGGAGNKIIQLIEGKASAYVFASPGCKKWDTCAPEVILHAVGGKLTDIHGNVLQYHKDVKHMN  
SAGVLATLRNYDYYASRVPESIKNALVP
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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.