

本公司提供的电版本说明书仅供参考，实验请以收到的纸质手册为准。

PNMT, 1-282aa, Human, E.coli

产品货号: TP03445

第三版

别名: Phenylethanolamine N-methyltransferase, PENT, PNMTase, Noradrenaline-N-methyltransferase.

描述: PNMT, also known as phenylethanolamine N-methyltransferase, is an enzyme found in the adrenal medulla that catalyzes the last step of the catecholamine biosynthesis pathway, which methylates norepinephrine to form epinephrine (adrenaline). The enzyme also has beta-carboline 2N-methyltransferase activity. This gene is thought to play a key step in regulating epinephrine production.

配方: Liquid. In 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol.

分子量: 30.8 Da (282aa)

序列:

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MSGADRSPNAGAAPDSAPGQAAVASAYQRFEPRAYLRNNYAPPRGDLCNPNGVGPWKLRCCLAQTFATGEVSGRTLIDIG  
SGPTVYQLLSACSHFEDITMTDFLEVNRQELGRWLQEEPGAFNWSMYSQHACLIEGKGECWQDKERQLRARVKRVLPID  
VHQPQPLGAGSPAPLPADALVSAFCLEAVSPDLASFQRALDHITLLRPGGHLLLIGALEESWYLAGEARLTVVPVSEEEVR  
EALVRSQYKVRDLRQTYIMPAHLQTGVDDVKGVFFAWAQKVG
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纯度: > 95% by HPLC

浓度: 1.0 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.