



本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

PPP3CA, 1-511aa, Human, His tag, E.coli

产品货号: TP03508

第三版

别名: Serine/threonine-protein phosphatase 2B catalytic subunit alpha, CALN, CALNA, CALNA1, CCN1, CNA1, PPP2B.

描述: PPP3CA, also known as Calcineurin A, is a major soluble calmodulin binding protein in the brain, a Ca²⁺/calmodulin dependent serine/threonine protein phosphatase, with a relatively narrow substrate specificity. It activates the T cells of the immune system and can be blocked by drugs. PPP3CA activates NFATc, a transcription factor by dephosphorylating it.

配方: Liquid. In 20 mM Tris-HCl buffer (pH8.0) containing 0.2M NaCl, 5mM DTT, 1mM EDTA, 20% glycerol

分子量: 60.0 kDa (534aa)

序列:

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MGSSHHHHHSSGLVPRGSHTGSMSEPKAIDPKLSTTDRVVKAVPFPPSHRLTAKEVFDNDGKPRVDILKAHLMKEGRLE  
ESVALRIITEGASILRQEKNLLDIDAPVTVCGLDIHGQFFDLMKLFVGGSPANTRYLFLGDYVDRGYFSIECVLYLWALKILY  
PKTLFLLRGNHECRHLTEYFTFKQECKIKYSERVYDACMDAFDCLPLAALMNQQFLCVHGGLSPEINTLDDIRKLDRFKEP  
PAYGPMCDILWSDPLEDFGNEKTQEHFTHNTVRGCSYFYSYPAVCEFLQHNNLLSILRAHEAQDAGYRMYRKSQTTGFPS  
LITIFSAPNYLDVYNNKAAVLKYENNVMNIRQFNCSPPHYWLPNFMVDVFTWVSLPFVGEKVTEMLVNVNLNICSDELGSEE  
DGFDGATAAARKEVIRNKIRAIGKMARVFSVLREESESVLTLKGLTPTGMLPSGVLSGGKQTLQSAIKGFSPQHKITSFEEAK  
GLDRINERMPPRRDAMPDANLNSINKALTSETNGTDSNGSNSNIQ
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纯度: > 95% by HPLC

浓度: 0.25 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.