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PIP4K2B, 1-416aa Human, His tag, E.coli

产品货号: TP03415

第三版

别名: Phosphatidylinositol 5-phosphate 4-kinase type-2 beta, PI5P4KB, PIP5K2B, PIP5KIIB, PIP5KIIBeta

描述: PIP4K2B catalyzes the phosphorylation of phosphatidylinositol-4-phosphate on the fifth hydroxyl of the myo-inositol ring to form phosphatidylinositol-4,5-bisphosphate. It is a member of the phosphatidylinositol-4-phosphate 5-kinase family. The amino acid sequence of PIP4K2B does not show similarity to other kinases, but the protein does exhibit kinase activity. Additionally, PIP4K2B interacts with p55 TNF receptor. Recombinant human PIP4K2B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

分子量: 49.8 kDa (439aa) confirmed by MALDI-TOF

序列:

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MGSSHHHHHSSGLVPRGSHMGSMSSNCTSTTAVAVAPLSASKTKTKKKHFVCQKVKLFRASEPILSVLMWGVNHTINE  
LSNVPPVVMLMPDDFKAYSKIKVDNHLFNKENLPSRFKFKEYCPMVFRNLRERFGIDDQDYQNSVTRSAPINSDSQGRCG  
TRFLTYYDRRFVIKTVSSEDVAEMHNILKKYHQFIVECHGNTLLPQFLGMYRLTVDGVETVMVVTRNVFSHRLTVHRKY  
DLKGSTVAREASDKEKAKDLPTFKDNDNFLNEGQKLHVGEESKKNFLEKLRDVEFLAQLKIMDYSLLVGIHDVDRAEQEE  
MEVEERAEEDECENDGVGGNLLCSYGTTPDPSGNLLSFPRFFGPGFDPVDVYAMKSHESPKEVYFMAIIDILTPYDTK  
KKAHAHAAKTVKHGAGAEISTVNPEQYSKRFNEFMSNILT
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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.