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PRKAB2, 1-272 aa, Human, His tag, E.coli

产品货号: TP03521

第三版

别名:5'-AMP-activated protein kinase subunit beta-2,

描述:PRKAB2 is a regulatory subunit of the AMP-activated protein kinase (AMPK). AMPK is a heterotrimer consisting of an alpha catalytic subunit, and non-catalytic beta and gamma subunits. AMPK is an important energysensing enzyme that monitors cellular energy status. In response to cellular metabolic stresses, AMPK is activated, and thus phosphorylates and inactivates acetyl-CoA carboxylase (ACC) and beta-hydroxy beta-methylglutaryl-CoA reductase (HMGCR), key enzymes involved in regulating de novo biosynthesis of fatty acid and cholesterol.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol 2M Urea

分子量:32.8 kDa(296aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSHMGNTTSDRVSGERHGAKAARSEGAGGHAPGKEHKIMVGSTDDPSVFSLPDSKLP  
GDKEFVSWQQDLEDSVKPTQQARPTVIRWSEGGKEVFISGSFNNWSTKIPLIKSHNDFVAILDLPEGEHQYKFFVDGQWV  
HDPSEPVVTSQLGTINNLIHVKKSDFEVFDALKLDSMESSETSCRDLSSPPGPYGQEMYAFRSEERFKSPPIPPHLLQVILNK  
DTNISCDPALLPEPNHVMLNHLYALSIKDSVMVLSATHRYKKKYVTLLYKPI

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.