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PRKAB1, 1-270aa, Human, His tag, E.coli

产品货号: TP03520

第三版

别名:5'-AMP-activated protein kinase subunit beta-1, AMPK, HAMPKb

描述:5'-AMP-activated protein kinase subunit beta-1, also known as PRKAB1, inhibits protein, carbohydrate and lipid biosynthesis, as well as cell growth and proliferation. AMPK acts via direct phosphorylation of metabolic enzymes, and by longer-term effects via phosphorylation of transcription regulators. Also acts as a regulator of cellular polarity by remodeling the actin cytoskeleton; probably by indirectly activating myosin.

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

分子量:32.8 kDa (293aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHHSSGLVPRGSHMGSMGNTSSERAALERHGGHKTPRRDSSGGTKDGRPKILMDSPEADLDFHSEEIKAPE
KEEFLAWQHDLEVNDKAPAQARPTVFRWTGGGKEVYLSGSFNNWSKLPLTRSHNNFVAILDLPEGEHQYKFFVDGQWT
HDPSEPIVTSQLGTVNIIQVKKTD FEVFDALMVDSQKCS D VSELSSPPGPYHQEPYVCKPEERFRAPPILPPHLLQVILNK
DTGISCDPALLPEPNHVMLNHL YALS IKDGV M VLSATHRYKKKYVTLLYKPI

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.