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PRKAG1, 1-331aa, Human, His tag, E.coli

产品货号: TP03524

第三版

**别名:**5'-AMP-activated protein kinase subunit gamma-1 isoform 1, AMPKG

**描述:**5'-AMP-activated protein kinase subunit gamma-1 isoform 1, also known as PRKAG1, 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 energy-sensing enzyme that monitors cellular energy status. This subunit is one of the gamma regulatory subunits of AMPK. Alternatively spliced transcript variants encoding distinct isoforms have been observed. Recombinant human PRKAG1 protein, fused to His-tag at N-terminus, was expressed in E.coli.

**配方:**Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**分子量:**40 kDa (354aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMETVISSDSSPAVENEHPQETPESNNSVYTSFMKSHRCYDLIPTSSKLVVFDTSLQVK  
KAFFALVTNGVRAAPLWDSKKQSFVGMILTDFINILHRYYSALVQIYELEEHKIETWREVYLQDSFKPLVCISPNASLFDA  
VSSLIRNKIHRPVIDPESGNTLYILTHKRILKFLKLFITEFPKPEFMSKSLEELQIGTYANIAMVRTTTPVYVALGIFVQHRVSA  
LPVVDEKGRVVDIYSKFDVINLAAEKTYNLDVSVTKALQHRSHYFEGVLKCYLHETLETIINRLVEAEVHRLVVVDEND  
VVKGIVSLSDILQALVLTGGEKKP

**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.