

PRKAG1 抗原（重组蛋白）

中文名称： PRKAG1 抗原（重组蛋白）

英文名称： PRKAG1 Antigen (Recombinant Protein)

别名： AMPKG

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Full length fusion protein

技术规格

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|---------------------------|--|
| Full name: | protein kinase, AMP-activated, gamma 1 non-catalytic subunit |
| Synonyms: | AMPKG |
| Swissprot: | P54619 |
| Gene Accession: | BC000358 |
| Purity: | >85%, as determined by Coomassie blue stained SDS-PAGE |
| Expression system: | Escherichia coli |
| Tags: | His tag C-Terminus, GST tag N-Terminus |
| Background: | The protein encoded by this gene 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. 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. This subunit is one of the gamma regu |

latory subunits of AMPK. Alternatively spliced transcript variants encoding distinct isoforms have been observed.