

PRKAG2 抗原（重组蛋白）

中文名称：PRKAG2 抗原（重组蛋白）

英文名称：PRKAG2 Antigen (Recombinant Protein)

别名：AAKG; CMH6; WPWS; AAKG2; H91620p

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 370-569 amino acids of human PRKAG2

技术规格：

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|---------------------------|---|
| Full name: | protein kinase AMP-activated non-catalytic subunit gamma 2 |
| Synonyms: | AAKG; CMH6; WPWS; AAKG2; H91620p |
| Swissprot: | Q9UGJ0 |
| Gene Accession: | BC020540 |
| Purity: | >85%, as determined by Coomassie blue stained SDS-PAGE |
| Expression system: | Escherichia coli |
| Tags: | His tag C-Terminus, GST tag N-Terminus |
| Background: | AMP-activated protein kinase (AMPK) is a heterotrimeric protein composed of a catalytic alpha subunit, a noncatalytic beta subunit, and a noncatalytic regulatory gamma subunit. Various forms of each of these subunits exist, encoded by different genes. AMPK is an important energy-sensing enzyme that monitors cellular energy status and functions by inactivating key enzymes involved in regulating de novo biosynthesis of fatty acid and cholesterol. This gene is a member of the AMPK gamma subunit family. Mutations in this gene have been associated with Wolff-Parkinson-White syndrome, familial hypertrophic cardiomyopathy, and glycogen storag |

e disease of the heart. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.