

## 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：

<b>Full name:</b>	protein kinase AMP-activated non-catalytic subunit gamma 2
<b>Synonyms:</b>	AAKG; CMH6; WPWS; AAKG2; H91620p
<b>Swissprot:</b>	Q9UGJ0
<b>Gene Accession:</b>	BC020540
<b>Purity:</b>	>85%, as determined by Coomassie blue stained SDS-PAGE
<b>Expression system:</b>	Escherichia coli
<b>Tags:</b>	His tag C-Terminus, GST tag N-Terminus
<b>Background:</b>	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 syn

drome, familial hypertrophic cardiomyopathy, and glycogen storage disease of the heart. Alternate transcriptional splice variants, encoding different isoforms, have been characterized.