

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：

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 re

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