

Recombinant Human PRKAG2

Catalog No: #GP13327



Package Size: #GP13327-1 100ug

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Description

Product Name	Recombinant Human PRKAG2
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 370-569 amino acids of human PRKAG2
Target Name	protein kinase AMP-activated non-catalytic subunit gamma 2
Other Names	AAKG; CMH6; WPWS; AAKG2; H91620p
Accession No.	Swissprot:Q9UGJ0Gene Accession:BC020540
Uniprot	Q9UGJ0
GeneID	51422;
Storage	-20~-80°C, pH 7.6 PBS

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

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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