

Recombinant Human PRKAG2, GST-tagged

Cat. No. PRKAG2-1949H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRKAG2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-331aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	PRKAG2 protein kinase, AMP-activated, gamma 2 non-catalytic subunit [Homo sapiens]
Official Symbol	PRKAG2
Synonyms	PRKAG2; protein kinase, AMP-activated, gamma 2 non-catalytic subunit; 5-AMP-activated protein kinase subunit gamma-2; AAKG; AAKG2; AMPK gamma2; CMH6; H91620p; WPWS; AMPK subunit gamma-2;

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Gene ID	51422
mRNA Refseq	NM_001040633
Protein Refseq	NP_001035723
MIM	602743
UniProt ID	Q9UGJ0
Chromosome Location	7q35-q36
Pathway	AMPK inhibits chREBP transcriptional activation activity, organism-specific biosystem; AMPK signaling, organism-specific biosystem; Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Energy Metabolism, organism-specific biosystem; Energy dependent regulation of mTOR by LKB1-AMPK, organism-specific biosystem; Fatty acid, triacylglycerol, and ketone body metabolism, organism-specific biosystem;
Function	ADP binding; AMP binding; AMP-activated protein kinase activity; ATP binding; cAMP-dependent protein kinase inhibitor activity; cAMP-dependent protein kinase regulator activity; nucleotide binding; phosphorylase kinase regulator activity; protein kinase a