

Recombinant Human PRKACG, GST-tagged

Cat. No. PRKACG-1948H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRKACG protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-351aa
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	PRKACG protein kinase, cAMP-dependent, catalytic, gamma [Homo sapiens]
Official Symbol	PRKACG
Synonyms	PRKACG; protein kinase, cAMP-dependent, catalytic, gamma; cAMP-dependent protein kinase catalytic subunit gamma; PKACg; PKA C-gamma; serine(threonine) protein kinase; KAPG;

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Gene ID	5568
mRNA Refseq	NM_002732
Protein Refseq	NP_002723
MIM	176893
UniProt ID	P22612
Chromosome Location	9q13
Pathway	AMPK signaling, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved biosystem; Amphetamine addiction, organism-specific biosystem; Amphetamine addiction, conserved biosystem; Apoptosis, organism-specific biosystem;
Function	ATP binding; cAMP-dependent protein kinase activity; nucleotide binding; protein serine/threonine kinase activity;

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