

Recombinant Human PRKACA protein, His-tagged

Cat. No. PRKACA-3369H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PRKACA protein(P17612)(2-351aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-351aa
Form	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
Molecular Mass	44.5
AA Sequence	<p>GNAAAAKKGGSEQESVKEFLAKAKEDFLKKWESPAQNTAHLDQFERIKTLGTGSFGR VMLVKHKETGNHYAMKILDKQKVVKLKQIEHTLNEKRILQAVNFPFLVKLEFSFKDNS NLYMVMMEYVPGGEMFSLRRIGRFSEPHARFYAAQIVLTFEYLHSLDLIYRDLKPENL LIDQQGYIQVTDGFAKRVKGRWTWLCGTPEYLAPEIILSKGYNKAVDWWALGVLIYE MAAGYPPFFADQPIQIYEKIVSGKVRFPSPHFSSDLKDLLRNLLQVDLTKRFGNLKNGV NDIKNHKWFATTDWIAIYQRKVEAPFIPKFKGPGDTSNFDDYEEEEIRVSINEKCGKE FSEF</p>
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name PRKACA protein kinase, cAMP-dependent, catalytic, alpha [Homo sapiens]

Official Symbol PRKACA

Synonyms PRKACA; protein kinase, cAMP-dependent, catalytic, alpha; cAMP-dependent protein kinase catalytic subunit alpha; PKACa; PKA C-alpha; protein kinase A catalytic subunit; cAMP-dependent protein kinase catalytic subunit alpha, isoform 1; PKACA; MGC48865; MGC102831;

Gene ID 5566

mRNA Refseq NM_002730

Protein Refseq NP_002721

MIM 601639

UniProt ID P17612

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