

Recombinant Dog PRKACA protein, His-tagged

Cat. No. PRKACA-4494D **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Dog PRKACA protein(Q8MJ44)(2-350aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Dog
Source	E.coli
ProteinLength	2-350aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	43.2 kDa
AA Sequence	GNAAAKKGSEQESVKEFLAKAKEDFLKKWENPAQNTAHLDDQFERIKTLGTGSFGRV MLVKHKETGNHFMKILDKQKVVKLKQIEHTLNEKRILQAVNFPFLVKLEFSFKDNSN LYVMMEYVPGGEMFSLRRIGRFSEPHARFYAAQIVLTFEYLHSLDLIYRDLKPENLL IDQQGYIQVTDGFAKRVKGRWTWLCGTPEYLAPEIILSKGYNKAVDWWALGVLIYE MAAGYPPFFADQPIQIYEKIVSGKVRFPESHSSDLKDLLRNLLQVDLTKRFGNLKNGV NDIKNHKWFATTDWIAIYQRKVEAPFIPKFKGPGDTSNFDDEEEEEIRVSINEKCGKE FCEF
Purity	Greater than 85% as determined by SDS-PAGE.

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

Reconstitution 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.

GENE INFORMATION

Gene Name PRKACA protein kinase, cAMP-dependent, catalytic, alpha [*Canis lupus familiaris*]

Official Symbol PRKACA

Synonyms PRKACA; protein kinase, cAMP-dependent, catalytic, alpha; cAMP-dependent protein kinase catalytic subunit alpha; PKA C-alpha; protein kinase A alpha;

Gene ID 403556

mRNA Refseq NM_001003032

Protein Refseq NP_001003032

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