

## Recombinant Dog PRKACA protein, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Dog PRKACA protein(Q8MJ44)(2-350aa), fused to N-terminal His tag, was expressed in E. coli.
<b>Species</b>	Dog
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-350aa
<b>Form</b>	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.
<b>Molecular Mass</b>	43.2 kDa
<b>AA Sequence</b>	<p>GNAAAKKGSEQESVKEFLAKAKEDFLKKWENPAQNTAHLDQFERIKTLGTGSFGRV  MLVKHKETGNHFMKILDKQKVVKLKQIEHTLNEKRILQAVNFPFLVKLEFSFKDNSN  LYMVMEYVPGGEMFSLRRIGRFSEPHARFYAAQIVLTFEYLHSLDLIYRDLKPENLL  IDQQGYIQVTDGFAKRVKGRWTWLCGTPEYLAPEIILSKGYNKAVDWWALGVLIYE  MAAGYPPFFADQPIQIYEKIVSGKVRFPESHFSSDLKDLLRNLLQVDLTKRFGNLKNGV  NDIKNHKWFATTDWIAIYQRKVEAPFIPKFKGPGDTSNFDDYEEEEIRVSINEKCGKE  FCEF</p>
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.

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<b>Storage</b>	Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles.
<b>Reconstitution</b>	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

<b>Gene Name</b>	PRKACA protein kinase, cAMP-dependent, catalytic, alpha [ <i>Canis lupus familiaris</i> ]
<b>Official Symbol</b>	PRKACA
<b>Synonyms</b>	PRKACA; protein kinase, cAMP-dependent, catalytic, alpha; cAMP-dependent protein kinase catalytic subunit alpha; PKA C-alpha; protein kinase A alpha;
<b>Gene ID</b>	403556
<b>mRNA Refseq</b>	NM_001003032
<b>Protein Refseq</b>	NP_001003032

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