Recombinant Mouse Prkaa1 Protein, MYC/DDK-tagged

Cat. No. Prkaa1-285M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of full-length mouse protein kinase, AMP-activated, alpha 1 catalytic subunit (Prkaa1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Ubiquitous expression in bladder adult (RPKM 5.3), limb E14.5 (RPKM 5.3) and 28 other tissues.
Molecular Mass	64.4 kDa
Purity	>80%, as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 ug/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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Gene Name	Prkaa1 protein kinase, AMP-activated, alpha 1 catalytic subunit [Mus musculus (house mouse)]
Official Symbol	Prkaa1
Synonyms	Prkaa1; protein kinase, AMP-activated, alpha 1 catalytic subunit; AI194361; AI450832; AL024255; AMPKalpha1; C130083N04Rik; 5'-AMP-activated protein kinase catalytic subunit alpha-1; ACACA kinase; AMP-activated protein kinase, alpha 1 catalytic subunit; AMPK subunit alpha-1; HMGCR kinase; acetyl-CoA carboxylase kinase; hydroxymethylglutaryl-CoA reductase kinase; tau-protein kinase PRKAA1; EC 2.7.11.1; EC 2.7.11.26; EC 2.7.11.27; EC 2.7.11.31
Gene ID	105787
mRNA Refseq	NM_001013367
Protein Refseq	NP_001013385
UniProt ID	Q5EG47

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