

Datasheet for ABIN7578978
PRKAA1 Protein (His tag)



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Overview

Quantity:	100 µg
Target:	PRKAA1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PRKAA1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), ELISA

Product Details

Purpose:	Recombinant Human PRKAA1/AMPK alpha 1, N-His
Sequence:	Met10-Gln559

Target Details

Target:	PRKAA1
Alternative Name:	PRKAA1/AMPK alpha 1 (PRKAA1 Products)
Background:	AMPK subunit alpha-1, Acetyl-CoA carboxylase kinase, Tau-protein kinase PRKAA1, ACACA kinase, Hydroxymethylglutaryl-CoA reductase kinase, 5'-AMP-activated protein kinase catalytic subunit alpha-1, AMPK1, PRKAA1, HMGCR kinase
Molecular Weight:	65.12 kDa
UniProt:	Q13131

Target Details

Pathways: [AMPK Signaling](#), [Carbohydrate Homeostasis](#), [Regulation of Carbohydrate Metabolic Process](#), [Warburg Effect](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in sterile water for a stock solution.

Buffer: Lyophilized from a solution in PBS pH 7.4, 0.02 % NLS, 1 mM EDTA, 4 % Trehalose, 1 % Mannitol.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Use a manual defrost freezer and avoid repeated freeze thaw cycles.Store at 2 to 8 °C for one week .Store at -20 to -80 °C for twelve months from the date of receipt.