



[Go to Product page](#)

Datasheet for ABIN7419709

CAMK1 Protein (AA 1-370) (His tag)

Overview

Quantity:	100 µg
Target:	CAMK1
Protein Characteristics:	AA 1-370
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CAMK1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), Positive Control (PC)

Product Details

Sequence:	Met1-Leu370
Characteristics:	Recombinant Calcium/Calmodulin Dependent Protein Kinase I (CAMK1), Prokaryotic expression, Met1-Leu370, N-terminal His Tag
Purity:	> 90 %

Target Details

Target:	CAMK1
Alternative Name:	Calcium/Calmodulin Dependent Protein Kinase I (CAMK1 Products)
Background:	CAMKI, CaM kinase I alpha
Molecular Weight:	45kDa

Target Details

UniProt: [Q14012](#)

Pathways: [Myometrial Relaxation and Contraction](#), [Regulation of Muscle Cell Differentiation](#), [Smooth Muscle Cell Migration](#)

Application Details

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

Comment: Isoelectric Point:5.1

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % skl, 5 % Trehalose and Proclin300.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

Storage Comment: Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Expiry Date: 12 months