



[Go to Product page](#)

Datasheet for ABIN4370783
CAMK1 Protein (AA 1-370) (His tag)

Overview

Quantity:	50 µg
Target:	CAMK1
Protein Characteristics:	AA 1-370
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CAMK1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CaM Kinase I/CAMK1 (C-6His)
Sequence:	MLGAVEGPRW KQAEDIRDIY DFRDVLGTGA FSEVILAEDK RTQKLVAIKC IAKEALEGKE GSMENEIAVL HKIKHPNIVA LDDIYESGGH LYLMQLVSG GELFDRIVEK GFYTERDASR LIFQVLDAVK YLHDLGIVHR DLKPENLLYY SLDEDSKIMI SDFGLSKMED PGSVLSTACG TPGYVAPEVL AQKPYSKAVD CWSIGVIAYI LLCGYPPFYD ENDAKLFEQI LKAEYEFDSP YWDDISDSAK DFIRHLMEKD PEKRFTCEQA LQHPWIAGDT ALDKNIHQSV SEQIKKNFAK SKWKQAFNAT AVVRHMRKLQ LGTSQEQGQ TASHGELLTP VAGGPAAGCC CRDCCVEPGT ELSPTLPHQL VDHHHHHH
Characteristics:	Recombinant Human CaM Kinase I/CAMK1 (C-6His)
Purity:	> 95 % as determined by reducing SDS-PAGE.
Sterility:	0.2 µm filtered
Endotoxin Level:	Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test

Target Details

Target:	CAMK1
Alternative Name:	CaM Kinase I (CAMK1 Products)
Molecular Weight:	42.3 kDa
UniProt:	Q14012
Pathways:	Myometrial Relaxation and Contraction , Regulation of Muscle Cell Differentiation , Smooth Muscle Cell Migration

Application Details

Restrictions: For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in ddH ₂ O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
Handling Advice:	Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
Storage:	4 °C/-20 °C/-80 °C
Storage Comment:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.