

Calcium/Calmodulin Dependent Protein Kinase I Recombinant Protein | CAMK1 recombinant protein

Recombinant Calcium/Calmodulin Dependent Protein Kinase I (CAMK1)

CATALOG # AAA145911	HOST E.coli	APPLICATIONS Western Blot, SDS-Page
-------------------------------	-----------------------	---

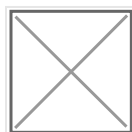
PRODUCT SYNONYMS

Calcium/Calmodulin Dependent Protein Kinase I; Recombinant Calcium/Calmodulin Dependent Protein Kinase I (CAMK1); CAMKI; CaM kinase I alpha; CAMK1 recombinant protein

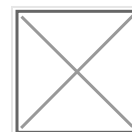
PRODUCT SPECIFICATIONS

Host	E.coli
Purity/Purification	> 90%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01%skl, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for CAMK1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	Met1~Leu370
Tags	N-terminal His Tag
Subcellular Location	Cytoplasm
Traits	Freeze-dried powder
Predicted isoelectric point	5.1
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



SDS-PAGE



Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502553
NCBI GeneID	8536
NCBI Accession #	NP_003647.1
NCBI GenBank Nucleotide #	NM_003656.4
Molecular Weight	Predicted Molecular Mass: 45.0kDa Accurate Molecular Mass: 45kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	calcium/calmodulin-dependent protein kinase type 1
NCBI Official Synonym Full Names	calcium/calmodulin dependent protein kinase I
NCBI Official Symbol	CAMK1
NCBI Official Synonym Symbols	CAMKI
NCBI Protein Information	calcium/calmodulin-dependent protein kinase type 1
UniProt Protein Name	Calcium/calmodulin-dependent protein kinase type 1
UniProt Gene Name	CAMK1
UniProt Synonym Gene Names	CaM-KI; CaMKI-alpha
UniProt Entry Name	KCC1A_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/camk1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/145911>