

CAMK1 delta Recombinant Protein | CAMK1delta recombinant protein

CAMK1 delta, Active

CATALOG # AAA73303	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

CAMK1 delta; Active; RP11-462F15.1; CKLiK; CaM-K1; CaMKID; CAMK1delta recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Applicable Applications for CAMK1delta recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for CAMK1delta recombinant protein	Recombinant full-length human CAMK1delta was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_153498. CAMK1delta or Ca ²⁺ /calmodulin-dependent kinase I-like kinase (CKLiK) is activated by Ca ²⁺ and calmodulin and is detected in CD34 ⁺ -derived neutrophils and eosinophils, as well as in mature peripheral blood granulocytes (1). CAMK1delta exhibits Ca ²⁺ /CaM-dependent activity that is enhanced in vitro by phosphorylation of its Thr180 by CaM-K kinase (CaM-KK)alpha, consistent with detection of CAMK1D-activating activity in HeLa cells (2).
Product Categories/Family for CAMK1delta recombinant protein	Protein Kinases ; Cardiovascular Disease ; ERK/MAPK Pathway ; Neurobiology ; PKA/PKC Pathway ; Ser/Thr Kinases
References	1. Verploegen, S. et al: Characterization of the role of CaMKI-like kinase (CKLiK) in human granulocyte function. Blood 106 (3), 1076-1083 (2005). 2. Ishikawa, Y. et al: Identification and characterization of novel components of a Ca ²⁺ /calmodulin-dependent protein kinase cascade in HeLa cells. FEBS Lett. 550 (1-3), 57-63 (2003)

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_153498
Molecular Weight	~68kDa

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.

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Online datasheet: <https://stage.aaabiotech.com/camk1-delta-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73303>