CAMK1 gamma Recombinant Protein | CAMK1gamma recombinant protein

CAMK1 gamma, Active

CATALOG #	HOST	APPLICATIONS
AAA73304	**Sf9 insect cells**	**Western Blot**

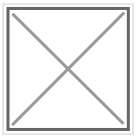
PRODUCT SYNONYMS

CAMK1 gamma; Active; VWS1; CLICKIII; dJ272L16.1; CAMK1gamma recombinant protein

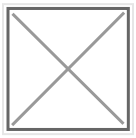
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for CAMK1gamma 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 CAMK1gamma recombinant protein	Full-length recombinant human CAMK1gamma was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_020439. CAMKIgamma (CLICK-III), a member of CAMK family, is a novel membrane-anchored neuronal Ca2+/calmodulin-dependent protein kinase. Full activation of CaMKIgamma requires both Ca(2+)/CaM and phosphorylation by CAMKK. CAMKIgamma transcripts is most abundant in neurons, with the highest levels in limited nuclei such as the central nucleus of the amygdala (CeA) and the ventromedial hypothalamus (1).
Product Categories/Family for CAMK1gamma recombinant protein	Protein Kinases; Cardiovascular Disease; ERK/MAPK Pathway; Neurobiology; PKA/PKC Pathway; Ser/Thr Kinases
References	1. Takemoto-Kimura,S. et al: Molecular cloning and characterization of CLICK-III/CaMKIgamma, a novel membrane-anchored neuronal Ca2+/calmodulin-dependent protein kinase (CaMK). J. Biol. Chem. 278 (20), 18597-18605 (2003)

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_020439
Molecular Weight	~80kDa

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-gamma-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73304