

Product datasheet

Recombinant human CamKII gamma protein ab132986

[2 Images](#)

Description

Product name	Recombinant human CamKII gamma protein
Purity	> 99 % Purified via GST Tag.
Expression system	Wheat germ
Accession	<u>Q13555-5</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MATTATCTRFTDDYQLFEELGKGAFSGVRRVCVKKKTPTQE YAAKIINTKKL SARDHQKLEREARICRLLKHPNIVRLHDSISEEGFHVLFVD LVTGGELFE DIVAREYYSEADASHCIHQLESVNHIHQHDMHRDLKPENL LLASKCKG AAVKLADFGLAIEVQGEQQAWFGFAGTPGYLSPEVLRKD PYGKPVDIWAC GVILYILLVGYPFWDQHKLYQQIKAGAYDFPSPEWDTV TPEAKNLIN QMLTINPAKRITADQALKHPWVCQRSTVASMMHRQETVE CLRKFNARRKL KGAILTTMLVSRNFSVGRQSSAPASPAASAAGLAGQAAK SLLNKKSDGGV KKRKSSSSVHLMPEPQTTVVHNATDGIKGSTESCNTTTEDE DLKVRKQEII KITEQLIEAINNGDFEAYTKICDPGLTSFEPEALGNLVEGMD FHKFYFEN LLSKNSKPIHTTILNPHVHVIGEDAACIAYIRLTQYIDGQGRP RTSQSEE TRVWHRRDGKWLNVHYHCSGAPAAPLQ
Predicted molecular weight	84 kDa including tags
Amino acids	1 to 527

Specifications

Our **Abpromise guarantee** covers the use of **ab132986** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	ELISA
	Western blot
	SDS-PAGE
	Functional Studies

Form Liquid

Additional notes

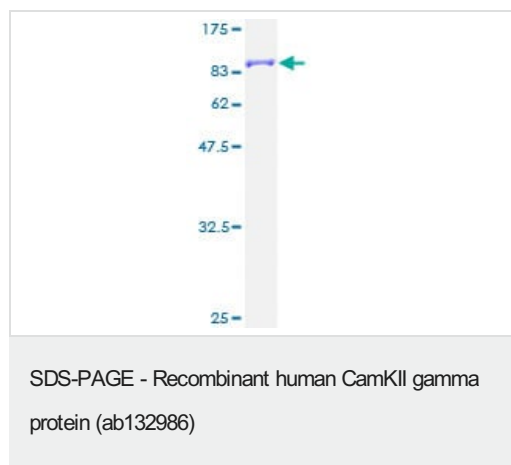
Preparation and Storage

Stability and Storage Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.
pH: 8.00
Constituents: 0.31% Glutathione, 0.79% Tris HCl
This product is an active protein and may elicit a biological response in vivo, handle with caution.

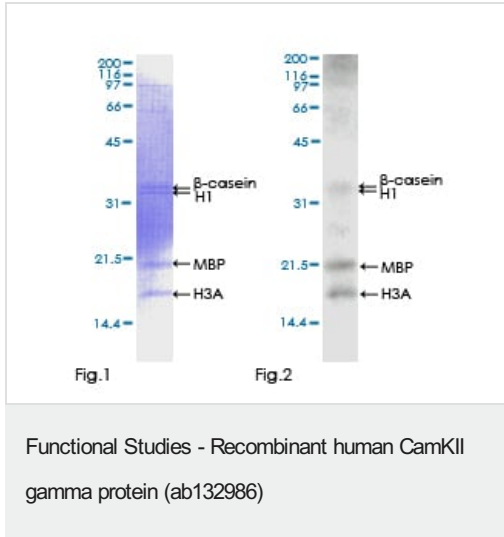
General Info

Cellular localization Cell Membrane

Images



12.5% SDS-PAGE analysis of ab132986 stained with Coomassie Blue.



Kinase Assay using ab132986.

Fig.1: SDS-PAGE gel

Fig.2: Autoradiography of SDS-PAGE gel.

Kinase substrates:

H3 histone, family 3A - calf thymus - Molecular weight: approx. 16.5-17 kDa on SDS-PAGE

Myelin basic protein - bovine brain - Molecular weight: approx. 21-22 kDa on SDS-PAGE

Histone H1.0 - calf thymus - Molecular weight: approx. 32-33 kDa on SDS-PAGE

Beta-casein protein- bovine milk - Molecular weight: approx. 33-34 kDa on SDS-PAGE

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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