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Datasheet for ABIN7319675 **CAMK1D Protein (GST tag)**

Overview

Quantity:	50 µg
Target:	CAMK1D
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CAMK1D protein is labelled with GST tag.

Product Details

Purpose:	Recombinant Human CAMK1D Protein (GST Tag)
Sequence:	Met1-Lys385
Characteristics:	Recombinant Human CAMK1D is produced by our E.coli expression system and the target gene encoding Met1-Lys385 is expressed with a GST tag at the N-terminus.
Purity:	> 90 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CAMK1D
Alternative Name:	CAMK1D (CAMK1D Products)
Background:	Background: CAMK1D is a serine threonine kinase that is a member of the calcium/calmodulin-dependent protein kinase family. It contains a protein kinase domain. CAMK1D expressed in polymorphonuclear leukocytes and may be part of the chemokine signal transduction pathway

Target Details

that regulates granulocyte function. It may also be involved in modulation of neuronal apoptosis. It activates CREB-dependent gene transcription, regulates calcium-mediated granulocyte function and respiratory burst and promotes basal dendritic growth of hippocampal neurons.

Synonym: Calcium/calmodulin-dependent protein kinase type 1D, CaM kinase I delta, CaMKI-like protein kinase, CAMK1D, CaMK1 delta,CaM-K1,CKLiK

Molecular Weight:	69.2 kDa
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UniProt:	Q8IU85
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Frozen, Liquid
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Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM PB,150 mM NaCl, pH 7.4.
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Storage:	-20 °C
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Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
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