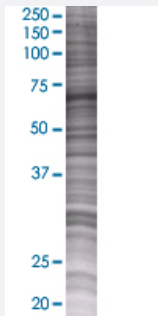


CAMKK2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00010645-T01

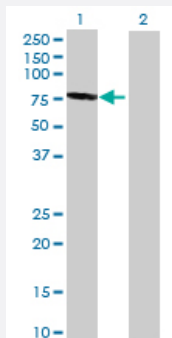
Size 100 uL

Applications



SDS-PAGE Gel

CAMKK2 transfected lysate.



Western Blot

Lane 1: CAMKK2 transfected lysate (59.62 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CAMKK2 full-length
Host	Human
Theoretical MW (kDa)	59.62
Interspecies Antigen Sequence	Mouse (92); Rat (93)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-CAMKK2 antibody ([H00010645-B01](#)) by Western Blots.
SDS-PAGE Gel
CAMKK2 transfected lysate.
Western Blot
Lane 1: CAMKK2 transfected lysate (59.62 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — CAMKK2

Entrez GeneID

[10645](#)

GeneBank Accession#

[NM_153499.2](#)

Protein Accession#

[NP_705719.2](#)

Gene Name

CAMKK2

Gene Alias

CAMKK, CAMKKB, KIAA0787, MGC15254

Gene Description

calcium/calmodulin-dependent protein kinase kinase 2, beta

Gene Ontology

[Hyperlink](#)

Gene Summary

The product of this gene belongs to the Serine/Threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. This protein plays a role in the calcium/calmodulin-dependent (CaM) kinase cascade by phosphorylating the downstream kinases CaMK1 and CaMK4. Seven transcript variants encoding six distinct isoforms have been identified for this gene. Additional splice variants have been described but their full-length nature has not been determined. The identified isoforms exhibit a distinct ability to undergo autophosphorylation and to phosphorylate the downstream kinases. [provided by RefSeq]

Other Designations

CAMKK beta protein|calcium/calmodulin-dependent protein kinase beta|calcium/calmodulin-dependent protein kinase kinase 2 beta

Pathway

- [Adipocytokine signaling pathway](#)

Disease

- [Agoraphobia](#)
- [Anxiety Disorders](#)
- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Panic Disorder](#)
- [Phobic Disorders](#)
- [Tobacco Use Disorder](#)