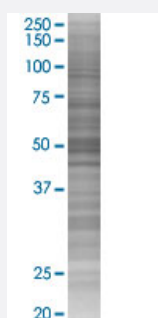


CAMK2D 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00000817-T04

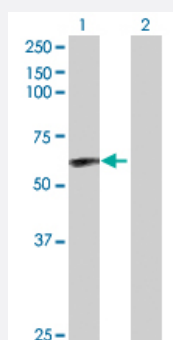
Size 100 uL

Applications



SDS-PAGE Gel

CAMK2D transfected lysate.



Western Blot

Lane 1: CAMK2D transfected lysate (54.10 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-CAMK2D full-length

Host Human

Theoretical MW (kDa) 54.1

Quality Control Testing Transient overexpression cell lysate was tested with Anti-CAMK2D antibody ([H00000817-D01P](#)) by Western Blots.
 SDS-PAGE Gel
 CAMK2D transfected lysate.
 Western Blot
 Lane 1: CAMK2D transfected lysate (54.10 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 — CAMK2D

Entrez GeneID	817
GeneBank Accession#	NM_172128.1
Protein Accession#	NP_742126.1
Gene Name	CAMK2D
Gene Alias	CAMKD, DKFZp686G23119, DKFZp686I2288, MGC44911
Gene Description	calcium/calmodulin-dependent protein kinase II delta
Omim ID	607708
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. Calcium signaling is crucial for several aspects of plasticity at glutamatergic synapses. In mammalian cells, the enzyme is composed of four different chains: alpha, beta, gamma, and delta. The product of this gene is a delta chain. Alternative splicing results in multiple transcript variants encoding distinct isoforms. Distinct isoforms of this chain have different expression patterns
Other Designations	CaM kinase II delta subunit CaM-kinase II delta chain CaMK-II delta subunit OTTHUMP00000163829 OTTHUMP00000163830 calcium/calmodulin-dependent protein kinase (CaM kinase) II delta calcium/calmodulin-dependent protein kinase type II delta chain

Pathway

- [Calcium signaling pathway](#)
- [ErbB signaling pathway](#)

- [Glioma](#)
- [GnRH signaling pathway](#)
- [Long-term potentiation](#)
- [Melanogenesis](#)
- [Neurotrophin signaling pathway](#)
- [Olfactory transduction](#)
- [Wnt signaling pathway](#)

Disease

- [Alcoholism](#)
- [Genetic Predisposition to Disease](#)
- [Mucocutaneous Lymph Node Syndrome](#)
- [Tobacco Use Disorder](#)