

CAMK4 (Human) Cell-Based ELISA Kit

Catalog # KA2630

Size 1 Kit

Specification

Product Description	CAMK4 (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of CAMK4 expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — CAMK4

Entrez GeneID	814
Protein Accession#	Q16566
Gene Name	CAMK4
Gene Alias	CaMK-GR, MGC36771
Gene Description	calcium/calmodulin-dependent protein kinase IV

Omim ID [114080](#)

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 enzyme is a multifunctional serine/threonine protein kinase with limited tissue distribution, that has been implicated in transcriptional regulation in lymphocytes, neurons and male germ cells. [provided by RefSeq]

Other Designations CAM kinase IV|CAM kinase- GR|brain Ca(2+)-calmodulin-dependent protein kinase type IV|brain Ca++-calmodulin-dependent protein kinase type IV|calcium/calmodulin-dependent protein kinase type IV catalytic chain

Pathway

- [Calcium signaling pathway](#)
- [Long-term potentiation](#)
- [Neurotrophin signaling pathway](#)

Disease

- [Alcoholism](#)
- [Azoospermia](#)
- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)
- [Oligospermia](#)
- [Tobacco Use Disorder](#)