

Recombinant Human CAMKK1 Protein (M1-S505), His tagged

Cat. No. CAMKK1-0172H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human 6His-TEV-CAMKK1(M1-S505 end) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	M1-S505
Description	Calcium/calmodulin-dependent protein kinase that belongs to a proposed calcium-triggered signaling cascade involved in a number of cellular processes. Phosphorylates CAMK1, CAMK1D, CAMK1G and CAMK4. Involved in regulating cell apoptosis. Promotes cell survival by phosphorylating AKT1/PKB that inhibits pro-apoptotic BAD/Bcl2-antagonist of cell death.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer

Supplied as sterile 50 mM Tris-HCl (pH 7.5), 150 mM NaCl, 5% glycerol, 5mM DTT, 0.1M Trehalose

Shipping

It is shipped out with blue ice.

GENE INFORMATION

Gene Name

CAMKK1 calcium/calmodulin-dependent protein kinase kinase 1, alpha [Homo sapiens (human)]

Official Symbol

CAMKK1

Synonyms

CAMKK1; calcium/calmodulin-dependent protein kinase kinase 1, alpha; calcium/calmodulin-dependent protein kinase kinase 1; CAMKKA; DKFZp761M0423; MGC34095; caMKK 1; caM-KK 1; caM-KK alpha; CAMKK alpha protein; caM-kinase kinase 1; caM-kinase IV kinase; caM-kinase kinase alpha; calcium/calmodulin-dependent protein kinase kinase alpha;

Gene ID

84254

mRNA Refseq

NM_032294

Protein Refseq

NP_115670

MIM

611411

UniProt ID

Q8N5S9

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