



# Recombinant Human Calcium/calmodulin-dependent protein kinase type 1G (CAMK1G)

<b>Product Code</b>	CSB-EP846679HU
<b>Abbreviation</b>	CAMK1G
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q96NX5
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MGRKEEDDCS SWKKQTTNIR KTFIFMEVLG SGAFSEVFLV KQRLTGKLFALKCIKKSPAF RDSSLENEIA VLKIKHENI VTLEDIYEST THYYLVMQLVSGGELFDRIL ERGVYTEKDA SLVIQQVLSA VKYLHENGIV HRDLKPENLLYLTPEENSKI MITDFGLSKM EQNGIMSTAC GTPGYVAPEV LAQKPYSKAVDCWSIGVITY ILLCGYPPFY EETESKLF EK IKEYYEFES PFWDDISESAKDFICHLLEK DPNERYTCEK ALSHPWIDGN TALHRDIYPS VSLQIQKNFAKSKWRQAFNA AAVVHHMRKL HMNLHSPGVR PEVENRPPETQASSTRPSS PEITITEAPV LDHSVALPAL TQLPCQHGRR PTAPGGRSLNCLVNGSLHIS SSLVPMHQGS LAAGPCGCCS SCLNIGSKGK SSYCSEPTLLKKANKKQNFK SEVMVPVKAS GSSHCRAGQT GVCLIM
<b>Source</b>	E.coli
<b>Target Names</b>	CAMK1G
<b>Protein Names</b>	Recommended name: Calcium/calmodulin-dependent protein kinase type 1G EC= 2.7.11.17 Alternative name(s): CaM kinase I gamma Short name= CaM kinase IG Short name= CaM-KI gamma Short name= CaMKI gamma Short name= C
<b>Expression Region</b>	1-476
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This gene encodes a protein similar to calcium/calmodulin dependent protein kinase, however, its exact function is not known.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

### Shelf Life

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