



Recombinant Human Calcium/calmodulin-dependent protein kinase type 1D (CAMK1D)

Product Code	CSB-MP812863HU
Abbreviation	CAMK1D
Storage	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.
Uniprot No.	Q8IU85
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MARENGESSS SWKKQAEDIK KIFEFKETLG TGAFSEVVLA EEKATGKLFV VKCIPKKALK GKESSEIENEI AVLRKIKHEN IVALEDIYES PNHLYLVMQL VSGGELFDRI VEKGFYTEKD ASTLIRQVLD AVYYLHRMGI VHRDLKPENL LYYSQDEESK IMISDFGLSK MEGKGDVMST ACGTPGYVAP EVLAQKPYSK AVDCWSIGVI AYILLCGYPP FYDENDSKLF EQILKAEYEF DSPYWDDISD SAKDFIRNLM EKDPNKRYTC EQAARHPWIA GDTALNKNIH ESVSAQIRKN FAKSKWRQAF NATAVVRHMR KLHLGSSSLDS SNASVSSSLAS LASQKDCLAP STLCSFISSS SGVSGVGAER RPRPTTVTAV HSGSK
Source	Mammalian cell
Target Names	CAMK1D
Protein Names	Recommended name: Calcium/calmodulin-dependent protein kinase type 1D EC= 2.7.11.17 Alternative name(s): CaM kinase I delta Short name= CaM kinase ID Short name= CaM-KI delta Short name= CaMKI delta Short name= C
Expression Region	1-385
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene encodes a member of the Ca ²⁺ /calmodulin-dependent protein kinase 1 subfamily of serine/threonine kinases. The encoded protein may be involved in the regulation of granulocyte function through the chemokine signal transduction pathway. Alternatively spliced transcript variants encoding different isoforms of this gene have been described.
Reconstitution	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

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.