



# Recombinant Human Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1C (PDE1C)

<b>Product Code</b>	CSB-EP623901HU-B
<b>Abbreviation</b>	PDE1C
<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>	Q14123
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MESPTKEIEE FESNSLKYLQ PEQIEKIWLR LRGLRKYKKT SQRLRSLVKQ LERGEASVVD LKKNLEYAAT VLESVYIDET RLLDTEDEL SDIQSDAVPS EVRDWLASTF TRQMGMMLRR SDEKPRFKSI VHAVQAGIFV ERMYYRRTSNM VGLSYPPAVI EALKDVKWS FDVFSLEAS GDHALKFIFY ELLTRYDLIS RFKIPISALV SFVEALEVGY SKHKNPYHNL MHAADVTQTV HYLKYTGVA NWLTELEIFA IIFSAAIHDY EHTGTTNMFH IQTRSDPAIL YNDRSVLENH HLSAAYRLLQ DDEEMNILIN LSKDDWREFR TLVIEMVMAT DMSCHFQQIK AMKTALQQPE AIEKPKALSL MLHTADISHP AKAWDLHHRW TMSLLEEFFR QGDREAELGL PFSPLCDRKS TMVAQSQVGF IDFIVEPTFT VLTDMTEKIV SPLIDETSQT GGTGQRRSSL NSISSSDAKR SGVKTSGSEG SAPIINNSVIS VDYKSFKATW TEVVHINRER WRAKVPKEEK AKKEAEEKAR LAAEEQQKEM EAKSQAEEGA SGKAEKKTSG ETKNQVNGTR ANKSDNPRGK NSKAEKSSGE QQQNGDFKDG KNKTDKDHHS NIGNDSKKT GTKQRSHGSP APSTSSTCRL TLPVIKPLR HFKRPAYASS SYAPSVSKKT DEHPARYKML DQRIKMKKIQ NISHNWNRK
<b>Source</b>	E.coli
<b>Target Names</b>	PDE1C
<b>Protein Names</b>	Recommended name: Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1C Short name= Cam-PDE 1C EC= 3.1.4.17 Alternative name(s): hCam-3
<b>Expression Region</b>	1-709
<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



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**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.

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