



# Recombinant Rat Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1C (Pde1c)

<b>Product Code</b>	CSB-BP720512RA
<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>	Q63421
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Rattus norvegicus (Rat)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTDTSHKKEG FKKCRSATFS IDGYSFTIVA NEAGDKNARP LARFSRSKSKQ NCLWNSLIDG LTGNVKEKPR PTIVQDTRPP EEILADELPQ LDSPEALVKT SFRLRSLVKQ LERGEASVVD LKKNLEYAAT VLESVYIDET RRLDTEDEL SDIQSDAVPS EVRDWLASTF TRQMGMMLRR SDEKPRFKSI VHAVQAGIFV ERMYRRTSNM VGLSYPPAVI DALKDVDTWS FDVFSLNEAS GDHALKFIFY ELLTRYDLIS RFKIPISALV SFVEALEVG Y SKHKNPYHNL MHAADV TQTV HYLLYKTGVA NWLTELEIFA IIFSAAIHDY EHTGTTNNFH IQTRSDPAIL YNDRSVLENH HLSAAYRLLQ EDEEMNILVN LSKDDWREFR TLVIEMVMAT DMSCHFQQIK AMKTALQQPE AIEKPKALSL MLHTADISHP AKAWDLHHRW TMSLLEEFFR QGDREAELGL PFSPLCDRKS TMVAQSQVGF IDFIVEPTFT VL TDMTEKIV SPLIDETSQT GGTGQRRSSL NSINSSDAKR SGVKSSGSEG SAPINNSVIP VDYKSFKATW TEVVQINRER WRAKVPKEEK AKKEAEEKAR LAAEEKQKEM EAKSQAEQGT TSKAEKKTSG ETKGQVNGTR TSKGDNPRGK NSKGDKAGEK QQNGDLKDGK NKADKKDHSN TGNESKKADG TKKRSHGSPA PSTSSTSRLT LPVIKPLRH FKRPAYASSS YAPSVPKKTD DHPVRYKMLD QRIKIKKIQN ISHHWNKK
<b>Source</b>	Baculovirus
<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
<b>Expression Region</b>	1-768
<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



---

**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.