



# Recombinant Mouse Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1A (Pde1a)

|                          |   |
|--------------------------|---|
| <b>Product Code</b>      | CSB-MP713975MO  |
| <b>Abbreviation</b>      | Pde1a   |
| <b>Storage</b>           | The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.<br>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>       | Q61481  |
| <b>Product Type</b>      | Recombinant Protein   |
| <b>Immunogen Species</b> | Mus musculus (Mouse)  |
| <b>Purity</b>            | >85% (SDS-PAGE)   |
| <b>Sequence</b>          | MCDSSPSSSH VWIAPVRNII MGSTDTDIEE LENATYKYLI GEQTEKMWQR<br>LKGILRCLVK QLEKGDVNVV DLKKNIEYAA SVLEAVYIDE TRRLDTEDE<br>LSDIQTDSVP SEVRDWLAST FTRKMGMMKK KPEEKPKFRS IVHAVQAGIF<br>VERMYRKNYH MVGLTYPAAV IVTLKEVDKW SFDVFALNEA SGEHSLKFMI<br>YELFTRYDLI NRFKIPVSL IAFEALEVG YSKHKNPYHN LVHAADVTQT<br>VHYIMLHTGI MHWLTELEIL AMVFAAAIHD YEHTGTTNNF HIQTRSDVAI<br>LYNDRSVLEN HHVSAAYRLM QEEEMNILVN LSKDDWRDLR NLVIEMVLAT<br>DMSGHFQGIK NIRNSLQQPE GIDRAKTMSL ILHAADISHP AKTWKLYHRW<br>TMALMEEFFL QGDKEAELGL PFSPLCDRKS TMVAQSQIGF IDFIVEPTFS<br>LLTDSTEKIV IPLIEEASKS QSSNYGASSS STMIGFHVAD SLRRSNTKGS<br>VCDGSYAPDY SLSAVDLKSF KNNLVDIIQQ NKERWKELAA QGELDLHKNS<br>EELGNTEEKH ADTRP |
| <b>Source</b>            | Mammalian cell  |
| <b>Target Names</b>      | Pde1a   |
| <b>Protein Names</b>     | Recommended name: Calcium/calmodulin-dependent 3',5'-cyclic nucleotide phosphodiesterase 1A Short name= Cam-PDE 1A EC= 3.1.4.17 Alternative name(s): 61 kDa Cam-PDE   |
| <b>Expression Region</b> | 1-565   |
| <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>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**

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.