



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

<b>Product Code</b>	CSB-EP713975MO-B
<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. 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 LKGILRCLVK QLEKGDVNVV DLKKNIEYAA SVLEAVYIDE TRRLDTEDE LSDIQTDSVP SEVRDWLAST FTRKMGMMKK KPEEKPKFRS IVHAVQAGIF VERMYRKNYH MVGLTYPAAV IVTLKEVDKW SFDVFALNEA SGEHSLKFMI YELFTRYDLI NRFKIPVSL IAFEALEVG YSKHKNPYHN LVHAADVTQT VHYIMLHTGI MHWLTELEIL AMVFAAAIHD YEHTGTTNNF HIQTRSDVAI LYNDRSVLEN HHVSAAYRLM QEEEMNILVN LSKDDWRDLR NLVIEMVLAT DMSGHFQGIK NIRNSLQQPE GIDRAKTMSL ILHAADISHP AKTWKLYHRW TMALMEEFFL QGDKEAELGL PFSPLCDRKS TMVAQSQIGF IDFIVEPTFS LLTDSTEKIV IPLIEEASKS QSSNYGASSS STMIGFHVAD SLRRSNTKGS VCDGSYAPDY SLSAVDLKSF KNNLVDIIQQ NKERWKELAA QGELDLHKNS EELGNTEEKH ADTRP
<b>Source</b>	E.coli
<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.

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